



May Care

Department of Marine and Fisheries, Canada meteorological service

MAR LI

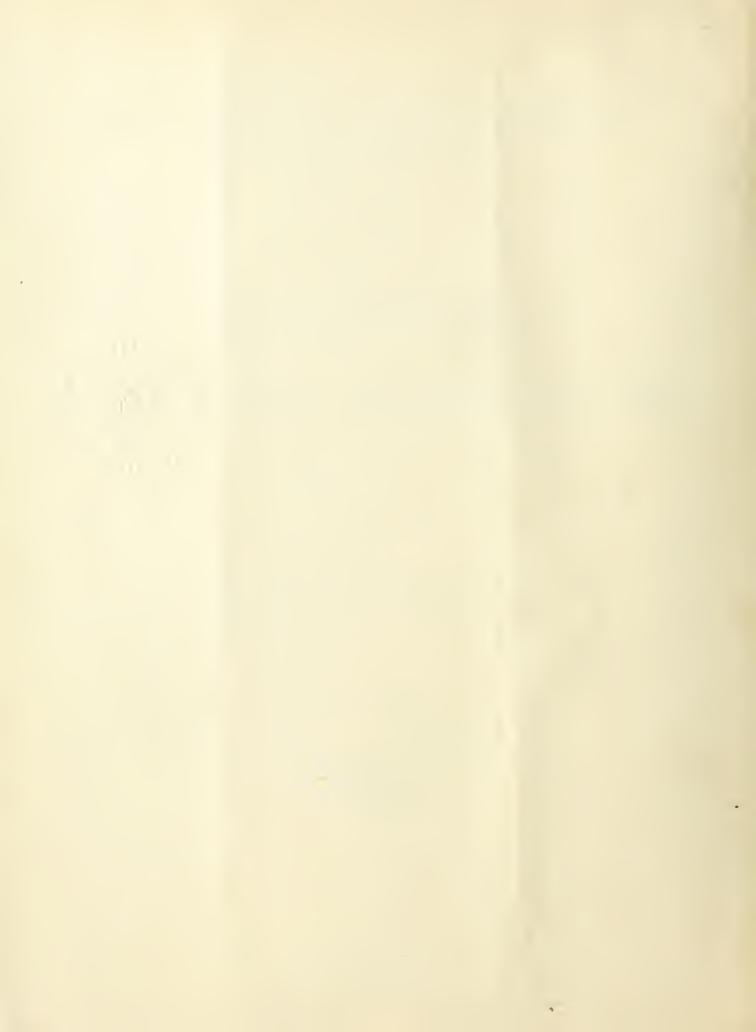
# MONTHLY WEATHER REVIEW

BY

R. F. STUPART, Director

1907

119189



## DEPARTMENT OF MARINE AND FISHERIES, CANADA.

METEOROLOGICAL SERVICE.

# Monthly Tagathen Review.

VOL. XXXI.

JANUARY, 1907.

No. 1.

### INTRODUCTION.

In compiling the present Review the principal data made use of are the telegraphic reports of observations received at this office for the purpose of weather forecasting, and reports by mail from voluntary observers and storm signal agents. For the material used in tracing the paths of areas of high and low pressure in the United States, we are indebted to the Chief of the Weather Bureau. Washington, D.C.

### REMARKS UPON THE WEATHER.

The weather in British Columbia during January was exceedingly cold, the mean temperature ranging from 6° below average near the coast to as much as 22° below in the Upper Mainland. Fine weather prevailed, and the precipitation which was chiefly snow, occurred at most places on or about the 2nd, 3rd, 4th, 17th to 22nd and last two or three days of the month. On the 31st the accumulated snow lay to a great depth over the Upper Mainland. Sleighing was possible in Vancouver throughout the month which is quite phenomenal.

In the Western Provinces the weather was almost phenomenally cold, the negative departure in the mean temperature being from 11° to 25° below the average and the minimum temperature between 40° and 50° below zero at many places. The proportion of bright sunshine exceeded the average and the snow which was recorded chiefly on or about the 1st, 2nd, 3rd, 4th, 7th to 10th, 18th, 20th, 23rd to 25th and 21st, accumulated to an unusual depth and was much drifted by high winds. It may safely be said that such severe weather has not been felt in many years.

The weather in Manitoba was not quite so cold as in the last named provinces, but the mean temperature was well below the average and the lowest actual readings were more than 40° below zero at many stations. Much dull weather with fresh winds was general during the first half of the month, and although strong winds were somewhat frequent during the second half, the weather was much brighter. The falls of snow, which varied with the district considerably, occurred chiefly on or about the 2nd, 3rd, 4th, 9th, 19th, 23rd and 31st, the quantity being below the average at some places and above at others.

In Ontario the weather was exceedingly mild during the first half of the month and unusually cold during the second half. Gales with much rain occurred on the 3rd, excepting near Lake Superior when there was light snow. On the 4th and 5th there was light snow over the Georgian Bay and Ottawa and Upper St. Lawrence Valleys. On the night of the 6th there were local showers and on the following day heavy rain in districts contiguous to the Lower Lakes and Lake Huron. On the 8th and 9th, gales occurred with snow flurries and on the 10th the gales continued with heavy snow, except in Lower Lake districts where there were only snow flurries. On the 12th there were moderate snowfalls accompanied by gales. On the 13th and 14th there were showers near Lakes Huron, Erie and Ontario and snow flurries elsewhere. On the 16th and 17th a heavy fall of snow occurred in Lower Lake districts and locally near Lake Superior, flurries being recorded elsewhere. On the 18th snow flurries were general. On the 19th rain occurred generally except in the Ottawa Valley where there was snow turning to rain and over the Lake Superior District where there was snow with gales. On the 20th, 21st and 22nd snow flurries were general except near Lake Huron where the snow was heavy. On the 24th and 25th heavy snowfalls were reported from the western portion of the province whilst elsewhere there were only flurries. On the 25th, 26th and 27th falls of snow occurred at most places, they being heaviest near the Georgian Bay. On the 28th there were snow flurries in districts contiguous to Georgian Bay, Lake Eric, Huron and Ontario. On the 29th and 31st there were light snowfalls or flurries in all districts. In most localities the proportion of bright sunshine departed little from the average, but in the extreme western portion of the province it was below the average. Elsewhere there was more sunshine and at most places the proportion was excessive.

The weather in the Province of Quebec was comparatively mild during the first eight or nine days after which it was exceeding cold to the end of the month, excepting on the 19th and 20th when it was quite mild. Cloud and sunshine followed in quick succession and falls or florries of snow were frequent more especially from the 8th to 22nd, but they were mostly light and the total precipitation was below the average. High winds occurred quite frequently and the snow was much drifted. The depth of snow on the ground on the 31st was from 18 to 26 inches in western districts and 46 to 48 inches elsewhere.

In New Brunswick the weather was quite cold after the 8th, and the mean temperature was below the average. Much fine bright weather was recorded during the second half of the month and in most localities the precipitation was deficient. Heavy rain occurred at many places on the 1st, also smaller quantities on the three succeeding days, and snow was reported on or about the 9th, 11th, 14th, 20th, 23rd, 25th and 31st. Up to the 9th, the ground was bare near the Bay of Fundy. On the 31st, the depth throughout the greater portion of the Province was from four to eleven inches.

The weather in Nova Scotia was unusually cold and after the 9th t imperatures below zero were recorded occasionally in the more northern portions. Sudden changes of temperature also characterized the weather of the month. The amount of precipitation varied considerably in the different districts, but the chief falls were recorded from the 1st to 5th 9th to 14th, 19th to 27th and 30th, much of this being rain in southern districts. Strong winds were of frequent occurrence and the snow was much drifted.

In Prince Edward Island the weather was exceedingly mild during the first half of the month, but during the second half it was unusually cold, and the mean temperature of the month was below the average. From the 1st to 15th the weather was mostly cloudy, but after the latter date bright sunshine was frequent. Precipitation was recorded on or about the 1st, 2nd, 5th, 9th, 15th, 18th, 19th, 23rd and 27th, much of which during the early part of the month was rain. On the 31st there was enough snow for good sleighing.—F. F. PAYNE.

### ATMOSPHERIC PRESSURE.

The mean atmospheric pressure for January was subnormal throughout Canada except over British Columbia, where with local exceptions on the Lower Mainland, the normal value was not reached. Extremes of departure from average were  $\pm 0.18$  of an inch at Port Arthur, Out., and  $\pm 0.15$  of an inch at Kamloops, B.C.

### HIGH AREAS.

Twelve very pronounced anti-cyclonic formations were traced across the Continent during January. With the exception of one system which traversed the Southern portion of the Continent during the first week of the month, all high pressure areas entered the field of observation over the Yukon Territory and passed southeastward to the Atlantic.

Severe cold waves accompanied many of the systems and were, as a rule, most pronounced when over the Prairic Provinces.

### LOW AREAS.

During the month thirteen areas of low pressure were charted, all with one exception appearing either in the western or northwestern portion of the Continent, invariably first drifting on to the Continent from the Pacific Ocean. No less than ten of the areas passed across the Lake Region. The areas were not as a rule very energetic: the disturbance which developed on the 9th in the St. Lawrence Valley and the system which traversed the Continent between the 18th and the 21st, and which were both attended by exceptionally heavy gales, were the most pronounced of the series. There was a marked absence of low areas passing up the United States Atlantic seaboard.

### WINDS.

In British Columbia, on Vancouver Island, and over the mainland, the direction was chiefly between the north and east, with nine days with strong and fourteen with fresh breezes and three gales,

In Alberta and Saskatchewan the westerly direction predominated with eight days with strong and eleven with fresh breezes and three gales.

In Manitoba the westerly direction was the most general with six days with strong and thirteen with fresh breezes and three gales.

In the Lake Region the direction was variable with ten days with strong and ten with fresh breezes and live gales.

In the Ottawa and Upper St. Lawrence Valleys the direction was variable, favouring somewhat the north and west with four days with strong and thirteen with fresh breezes and five gales.

In the Lower St. Lawrence Valley and the Gulf the north and west directions chiefly prevailed, with eight days with strong and six with fresh breezes and seven gales.

In the Maritime Provinces the north and west directions usually obtained with ten days with strong and seven with fresh breezes and eight gales; four of the gales were, however, of a local character, and none of the remaining four were noticeable for any exceptional violence. The heaviest gales occurred between the 11th and 12th and between the 20th and the 21st. Five storm warnings were issued during the month to those stations remaining open to winter navigation.

### TEMPERATURE.

The temperature was below the average in all portions of the Dominica except in the Peninsula of Ontario where it was from average to 3 degrees above. The negative departures in British Columbia, Alberta and Saskatchewan, ranging as they did from 6 to 22 degrees, were phenomenal, and in these Provinces it was the coldest January of which the Meteorological Service has any record. In Manitoba the negative departures were also pronounced, but the mean temperature was not as low in that Province as recorded in some previous months of January. Over the greater portion of Ontario and throughout Quebec and the Maritime Provinces the negative departures ranged from 1 to 5 degrees.

The Highest and Lowest temperatures in each Province during January, 1907, were:

2 no 11 greet and 120	66 (1)1 6	mportunites the cuch	A routing and	11 (1011 1 1 101) / 1	W.	10 .
British Columbia,	520	·0 on 22nd at Izo	onhalem, —51	° 0 on 15th	at	Golden.
Alberta,	-18°	·0 on 22nd at Pel	kiska, —56	° ·0 on 14th	at	Knee Hill and Three
				hills Creek		
Saskatchewan	-30°	·0 on 9th at On	ion Lake. —51	° 4 on 16th	at	Lloydminster.
Manitoba,	32°	on 2nd at Ca	rberry, —50	)° 0 on 15th	at	Carberry.
Ontario,	58°	·7 on 19th at Bi	rnam, — 57	7° •5 on 23rd	lat	White River.
Quebec,	49°	·1 on 20th at She	erbrooke. —4	5° 0 on 24th	at	Abitibi.
New Brunswick,	53°	·O on 20th at Mo	neton, —30	0° •0 on 25th	at	St. Stephen.
Nova Scotia,	-56°	·0 on 21st at Wo	lfville, —18	8° 3 on 18th	at	Truro.
Prince Edward Island.	48°	·0 on 21st at Sun	nmerside13	3° ·0 on 16th	at	Summerside.
		DDT	CITTUTE LETT (ANT			

### PRECIPITATION.

The precipitation was generally below the average in British Columbia, but a few isolated districts, principally in the Okanagan Valley, recorded an excess. In the Western Provinces the precipitation was all snow, which in some localities was a few inches more than the usual quantity and in others a few inches less. In Ontario the precipitation was above the average amount in the Lake Superior Region, and in the Peninsula of Ontario, and much below again in the eastern portion of the Province. In Quebec it was slightly in excess of the average in the eastern portion and deficient elsewhere. In the Maritime Provinces it was everywhere below the average except in one or two isolated localities where it was slightly above.

### DEPTH OF SNOW.

At the close of the month the whole Dominion was snow covered, the depth on the ground differing materially with the district. In British Columbia the amount in most localities was considerable, even many coast stations reporting continuous sleighing throughout the mouth, which is most unusual. In the Western Provinces, owing to the long-continued cold weather, the snow which covered the ground at the close of 1906, with the addition of that which fell in January, amounted to a depth of from 10 to over 30 inches, a marked contrast to the conditions prevailing in January last year when in some localities the ground was bare of snow, and in others it was but slightly covered. In Ontario, in the Lake Superior district and in far northern localities the snow on the ground varied from 18 to 24 inches, elsewhere from 3 to 10 inches. In Quebec it varied from 18 to 26 inches in the western portion, to 46 and 48 inches in the eastern portion. In the Maritime Provinces it was from 4 to 11 inches, and very locally 18 inches.

### THICKNESS OF ICE.

Edmonton, 30 inches; Battleford, 30 inches; Medicine Hat, 30 inches; Swift Current, 30 inches; Port Arthur, 14 inches; Port Stanley, 8 inches; Kingston, 14 inches; Rockliffe, 30 inches; Ottawa, 30 inches; Toronto, 10 inches. Georgetown. 15 inches; Arden. 19 inches; Port Dover, 12 inches; Meaford, 10 inches; Gravenhurst, 25 inches; Brome, 26 inches; Charlottetown, 12 inches; Fredericton, 24 inches; Yarmouth, 11 inches.

### BRIGHT SUNSHINE.

The amount of bright sunshine recorded during January was subnormal along the shores of Lake Ontario and in the Ottawa and St. Lawrence Valleys; elsewhere in Canada a supernormal value was registered.

Extremes of departure from average were  $\pm 26\%$  at Battleford, Sask., and  $\pm 10\%$  at Montreal, Que., and the possible daily amount of sunshine was recorded at Battleford on the 6th.

# PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA JANUARY 1907.

a baromoter not reduced to Sea Level. Stations not furnished with Regi tering Thermometer

							4											
1							00000			-	w 0 0 0		====		=	2	m	
			0		1					11					-	=	2	
	4) ) - , ,		0-01 mol	主动用人对	_		เลิกกิด4.			kg.	4-,7,5		SHARE.		=	II.	77	
	12 - 10 - 191		1 1	245/2			3 = 1 / E:			3	0375		/ - 55 4884.		3	£	475 eest	
É	41 4 1			22 38 	1 10		1007 1007						010 7 -		=		=	
1 1 1	и 15 — П.Т. э. пэ74		_	-/ an	-		===				_							
=	/n o n y		27	REGER	- 1		ingala. Montan			4	3293		ERRA.		17	7	12	
=					_				•						,			
=	# 1 1 9 (d)   11 not1		1		5	7 =	, , , , , , , , , , , , , , , , , , ,								-			
LIN ITA	A JOSEPH		후 报	= =	77	=======================================	=======================================								7			
32	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		71		5													
5	Solum most.		Ē		7.4	=	=											
	a find faioT		mon t	2 2	2	王等	21	Į.	잗				E		23			
-	.2		73	1	51	==	23	ST .	=				7		24			
(011	'AV'S		5	= -	=	==	=	=	Ξ				21		-			
WIND FROM	11.		3	71 ==		==		-	2.00				90		- mark			
l .	8'11.		8	= =	=	m =	***		-				-		=			
5 2	.8		-51	= =	Ξ	-m	-		71				÷		21			
Dura nos	.4.8		21		-	4=	14.		71				21		21			
Dig	, <u> </u>		13	<u> </u>	1-	2122	<u> </u>						_		2.			
	X.E.		- <del>5</del> 1	± -	3	-8	=		£ ~		0							
-			=======================================	<u>x</u> =	200	oon 7:1			25				<u> </u>		Ξ			
Ylotol	No. of days completed.		275	10 14	7	==	ii.								-			
	Mean amount of		\$	:n =	-	2.2	· · · · · ·	7				1			17			
	Mean relative				2	**						Ш						
Jo 5.	Mean temperatur dewpoint.																	
	Mean daily range.		90. 90.	V=0.531	2	=====	SETTE:	25255		51	222/	- 53 =	=315=	231×	17	13	21	
	.ejs(I		2	1911	Ξ		an only can can make the	252%	다 중 중	23	= -==	12:12	2012I	-==		2	류	
<u>si</u>	Lowest		20	892	× 0					=	古典がは		四路名二		10 01	- 0	- 13	
VIUTUE	Late.		- F1	តឧត្តត	71	53153	annen a	85585	5 -	73	5535	715	53333	553	æ. '	60.53	=======================================	
			71		1~			n = = = ·	: =	=	=======================================	= =	(S = 0 )+	===	. 0	ap.	3	
Tr MPER	Ventsobservin			SHEEK	=	MEET.	182080 19555	enza:	= =	2	EDITE FFEE	- 23 - 23	EETE	RRR	*	58	善善	
	from average.		63 15 18	변경 후 편 원 * * * * * * * * * * * * * * * * * * *	= /	= =	522	2012: 1 13			5.	77 71 70						
	Difference			B21211-12	we				-	1	5.2.231		74 <del></del> 25 25		t	0 18	273	
			12	35-22	5		- xmm+m - xmm+m		3 57	=	のこがか 位品製品	N. (2)	N-SS	@ 12 m	S	ā	Ξ	
	Капке.		12	= =	33	二名	<u> </u>	7.					= 8		57			
C.KB.	Lowest		E E	2 2 2	- F		20	21					81 22		F-			
PRESSUR	Highest.		11.00	22 30 ×1 29 13 1	35 =	2 K	<u>-</u>	E .					25		26 18			
=	Menn reduced		20 90 30 30 20 18 ( 32	8) 10 15 15 15 15 15 15 15 15 15 15 15 15 15	20 10 10 10 10 10 10 10 10 10 10 10 10 10	100 S S 20	THE REAL PROPERTY.						21 91 34 32 35 51 5 - 12 52 52 51 51 51 51 51 51 51 51 51 51 51 51 51		अस्ति का भा भा तम् ।			
	level, m feet.		78 19					A 833	= <u>0</u> 8 3	19.57					=		# (** # (** # (**) # (**)	
Un-	- a roda noine rala		9	<u>2</u> 45 <u>52</u> 986488	95 50 50						-료요하 대통원되었		87 800 <u>£</u>	田 田田			25	
	Webningao.I		£3:	558256	图图	5255	626626	집합점점:	322	553	SERES	EEE	9989	골돌	55		1 128 21 15 131 51	
	Latitude X		77	गटलगटल	E E	%==1;	455±21=	27280	18.6	12 E §	RESER	三三日	8484	30				
			X	医异丙芹亚酚	2.5	K 4 2 2 1	177222	22223	# E 13 ;	884	12228	জনন :	4545	E 0:	6.8	- :		
																	Vekon:  a Dawson White Horse.	
	ż	100						÷ ÷							HI.			
	TIC	I M		1. KON .	-	× = .	kr.	nin	:	gar	7	ridge	: 13		ngte -	. =	2	
	BTATION	RELIED COLUMBA	. 171	Sarkerville Agnssiz Port Sampson Revelstoke Kamloops	that Bay. Gverst falet	Stuncts Lake Coldstream Namimo Chilliwack	With the Market North North Parket Charty Point Folkers Withins Withins Withins Withins Withins Withins Withins Withins Withins Within	New Westminst Cadner North Nicomen.	Crambrook Slassett	Inlien Inlin Cooli	Cowardon Netson Obcumput Mission Morni Cape Seaf		Big Creek Nickel Plate Thetis Plate	fodley. Kitamust Rossland	Port Essington Athu.	Athanner Fairview Exouladem	: no	
	u.j	7	irtoria	Sarkervill Agassiz Port Simp Revelstok Kamiloops	That Bay Gvery In	Seminary Services	Simple Simple Simple Totales	Andrea Vorth	Crambrook Massett	Pallin C	Selson Serman Morning	Sheden .	in the first of th	Hodley . Kitamuul Rosslund	T COL	stintiner Frigsbow Frontinder	YUKUN :	
		=	-	I 4.1 I I V 1		7. CZC:	- インコニニ	1212	レレス	==:	J7.54.0	22%	==7.=	===			7 =	

		. · · · · · · · · · · · · · · · · · · ·	
######################################			
		00 11 -1100   00 000 -0 0 0 -0 0	
អ្នត្តមាត្រ និងគម្ពីស្ថិត្តស្តីស្ត្		### 전 HE+# + # ## ## ## ## ## ### ###########	
#2xaaaoo#-exx			
188 88 88818: 			
2 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			
=	:		
·		- 52 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
		2 1 1 10 N	_:
19 : : : : : : : : : : : : : : : : : : :			:
- 1,24 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			
	<u> </u>		
[경 : 2월 : 2월 : 2월 : 2월 : 2		월 : : : : : : : : : : : : : : : : : : :	
<u> </u>		第 : : : : : ○ 記	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		2 5 2 5 2 5 2 5 2 5 2 5 5 5 5 5 5 5 5 5	
a the second sec			:
a - a - a			
23 - m - (4-2			
		2	
			-
φ t~ m x		23 - 1 - 1 - 1 - 1 - 1 - 2 - 2 - 2 - 2 - 2	
			-
			:
			9
##### ################################		0 9 × 001 × 002 00 00 00 00 00 00 00 00 00 00 00 00	200
	តម្តស់ ស ស្ត្រី	a remarked when the part of the property of th	200
	8988 8 5858 1284 1 1282		26 18
ងត់ងត់។ នៃវង់តែងតំពត់តង់	8288 8 5858 2282 2 2282	28	0 26.18
######################################	8288 8 5858 1181 1 1181 1284 8 588 1888 8 688	1	-31 0 56 18.
######################################		10	2 -31 8 26 18.
######################################		1	9 2 -31 0 26 18.
######################################		1	9 2 -31 0 26 18.
######################################		1	9 2 -31 0 26 18.
######################################		15.2   16.0   23   17.0   14   17.0   28.0   17.0   14   17.0   18   17.0   18   17.0   18   17.0   18   17.0   18   17.0   18   17.0   18   17.0   18   17.0   18   17.0   18   17.0   18   17.0   18   17.0   18   18   18   18   18   18   18   1	124.0 2-31.0 26.18.
1	8 H 0.8 8 0.13 1 0.8 8 1 0.13 1	7 17 2 288 0 19 10 11 16 0 11 16 0 11 16 16 17 0 11 16 18 18 18 18 18 18 18 18 18 18 18 18 18	8.8. 124.0 2-31.0 26.18.
1.2.	3.8 3.0 2.0 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	17.   17.   15.   10.   10.   11.   15.   10.   12.   10.   10.   11.   10.   10.   10.   11.   10.	8.8. 124.0 2-31.0 26.18.
1.2.	3.8 3.0 2.0 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	17.   17.   15.   10.   10.   11.   15.   10.   12.   10.   10.   11.   10.   10.   10.   11.   10.	8.8. 124.0 2-31.0 26.18.
12.3   10.5	3.8 3.0 2.0 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	17.   17.   15.   10.   10.   11.   15.   10.   12.   10.   10.   11.   10.   10.   10.   11.   10.	8.8. 124.0 2-31.0 26.18.
1.2.	3.8 3.0 2.0 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	17.   17.   15.   10.   10.   11.   15.   10.   12.   10.   10.   11.   10.   10.   10.   11.   10.	8.8. 124.0 2-31.0 26.18.
1.2.	3.8 3.0 2.0 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	17.   17.   15.   10.   10.   11.   15.   10.   12.   10.   10.   11.   10.   10.   10.   11.   10.	8.8. 124.0 2-31.0 26.18.
1.2.	3.8 3.0 2.0 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	17.   17.   15.   10.   10.   11.   15.   10.   12.   10.   10.   11.   10.   10.   10.   11.   10.	8.8. 124.0 2-31.0 26.18.
1.2.	3.8 3.0 2.0 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	17.   17.   15.   10.   10.   11.   15.   10.   12.   10.   10.   11.   10.   10.   10.   11.   10.	8.8. 124.0 2-31.0 26.18.
1.2.	3.8 3.0 2.0 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	17.   17.   15.   10.   10.   11.   15.   10.   12.   10.   10.   11.   10.   10.   10.   11.   10.	8.8. 124.0 2-31.0 26.18.
1.2.	3.8 3.0 2.0 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	17.   17.   15.   10.   10.   11.   15.   10.   12.   10.   10.   11.   10.   10.   10.   11.   10.	8.8. 124.0 2-31.0 26.18.
12.3   10.5	3.8 3.0 2.0 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	17.   17.   15.   10.   10.   11.   15.   10.   12.   10.   10.   11.   10.   10.   10.   11.   10.	8.8. 124.0 2-31.0 26.18.
1.2.	3.8 3.0 2.0 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	17.   17.   15.   10.   10.   11.   15.   10.   12.   10.   10.   11.   10.   10.   10.   11.   10.	98. 6   978   1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
13   17   1650   16   17   18   17   18   18   18   18   18	H   H   S   S   S   S   S   S   S   S	15   18   18   18   18   18   18   18	11 98 6 978
2	H   H   S   S   S   S   S   S   S   S	15   18   18   18   18   18   18   18	11 98 6 978
13   17   1650   16   17   18   17   18   18   18   18   18	10   11   13   21   3128   32   32   32   14   15   32   33   34   14   35   34   34   34   34   34   34   3	15   18   18   18   18   18   18   18	11 98 6 978
13   11   11   12   12   13   14   15   15   15   15   15   15   15	10   11   13   21   3128   32   32   32   14   15   32   33   34   14   35   34   34   34   34   34   34   3	10   10   10   10   10   10   10   10	11 98 6 978
13   11   11   12   12   13   14   15   15   15   15   15   15   15	10   11   13   13   13   12   13   13   13	10   10   10   10   10   10   10   10	11 98 6 978
51   13   13   15   15   15   15   15	10   11   13   13   13   12   13   13   13	## 15   PE   PE   15   PE   15   PE   15   PE   15   PE   15   PE   15   PE   PE   PE   PE   PE   PE   PE   P	19 11 88 6 478
51   13   13   15   15   15   15   15	10   11   13   13   13   12   13   13   13	## 15   PE   PE   15   PE   15   PE   15   PE   15   PE   15   PE   15   PE   PE   PE   PE   PE   PE   PE   P	19 11 88 6 478
ara Landing.	10   11   13   13   13   12   13   13   13	## 15   PE   PE   15   PE   15   PE   15   PE   15   PE   15   PE   15   PE   PE   PE   PE   PE   PE   PE   P	19 11 88 6 478
ava Landing.    51   13   13   17   1650   52   13   13   15   15   15   15   15   15	10   11   13   13   13   12   13   13   13	## 15   PE   PE   15   PE   15   PE   15   PE   15   PE   15   PE   15   PE   PE   PE   PE   PE   PE   PE   P	19 11 88 6 478
13   17   1650   18   18   18   18   18   18   18   1	10	AN — Re 15 (102 17) (102 17) (102 17) (102 19) (103 17) (103 19) (	11 98 6 978

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JANUARY, 1807.

a Barometer not reduced to Sea Level. Stations not furnished with Registering Thermometers.

1		90 0 000 0 H HAMON 0000NO 0 0 010	
HLIO	21 11 un (1) /	*55 P PUS 5 1 NOULL 1888NH M H 55	=
	AND THE PROPERTY OF	AN MEAN OF THESE TRANSPERS AND AND THE	Se and Allerand and a second of the angle of the second of
11)1	$1 = t = I \cap (I \cap I) = t = I$		-
É	ון יי דנה) ון יידי	98 8 9 9 7 may 70 0 3 4 6 4 6 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9	_ =====================================
IFILA	Difference from the contract of the contract o	# N NOSEN - SHEE - S S-	
l'a u	In om/,	AS 7 38 2 2 445K3 75K5K8 4 6 93	
		+ 4 = 4 = 4	
\$	ातार प्रमेती तीया । स्वास्त्रोताः		24 H 2 K 2 K 2 K 2 K 2 K 2 K 2 K 2 K 2 K 2
CITY	Higherthy.	2 3 7 8 7 7 8 2	
VELOCITY	per hour.		
-	Slean miles		=
	anothranedo to	<ul><li></li></ul>	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
W N	C.	24	
FE	.11.7.		
WIND FROM	11.	14 0 31 0 NEW X X 14 X 0	
a d	3.11.8	2 / 2 22 2 2	
	38	2	A is T m w m state
PHEECTHAN	- H	a 1- 2 a 5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5- 5-	5 x 1- 2 n mmH
Ē	N.E.		m c
	'N'	भ प्राप्त के जुन्न के शुक्का-	<u> </u>
Crarari	clouded.	4 8 2 2 E E - 82	
	Mean amount of cloud, No. of days comp	0 0 0 1- 0 1- 0 X	2 × × 1-1-
	Mean relative humidity.	= - X	Ž
lo au	Mewpoint.		
	Mean daily range.		25
	.93.6(1		85555882855555522558
.,	Lowest		2828-28888-282888
ERATURE			==8=8=8m=88=88=8=8=8 ==================
EICA	Date.	20 2 70 2 H 2000 2001-08 9 20 20	
TEMP	Tearsobserving the desiration		SAMPRENEX PRESENTERS OF THE PROPERTY OF THE PR
	from average.	which was to the control of the cont	2
		+	1 the second sec
	Itange.	를 <u>물을 통</u> 를 위해	1 2 2 5 5
Pro secre	.1~3700.1	24	
<i>4</i>	Highest		8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
-	Mean reduced.	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
	t vel, in feet,	E 5 253E8 25528558658888888888888888888888888888	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
81+5	Elevation above		
	.77 obustrano.1	BEEFERWEE REMFRERRYTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	ARREST RESERVED AND STREET
	Z stuitule Z.		GORDETZY YERUSATASTA
	2	we were in the second s	pu .
	STATION	bakhank. Dakhda Perki. Dakhda Perki. Dakhda Perki. Portage la Peatrie Fliesani. Story Mondoin Story Mondoin Mudoge. Wirden. Wi	Ulmount forflam Island forflam Island forflam island Island forflam fo
	S. T.	Oakkante. Oakkante. Pipestone. Pipestone. Portuge la Pt. Portuge la Pt. Person. St. Manies i. St. Manies. Minister.	Kinnount
		Onkbark. Onkbark. Onkhark. Pipersone. Pipersone. Pipersone. Pipersone. Pipersone. Pipersone. As Stony Mountain A Stony Mountain A Stony Mountain A Stony Mountain A Stony Mountain Bailey bury Savantae Caffan. Bailey bury Savantae Caffan. Bailey bury Bailey Bury Caffan. Bailey Bury Bury Bury Bury Bury Bury Bury Bury	Klimmonth Cockbarn (Cockbarn Cockbarn Cockbarn Chathan Mandrad Bruca Mas Cochbard Cockbard Co
		8 99 0	

	· I	
0-00 00+000000 000 000 0000	0000000 0 + 0 00	
0000 000 0 00H NO H 0 000 0000	0000000 0 0 0 0	30000000
	#=####################################	
2xx 2 2xx 5 72 2 2 1 7 3 552 9558	विविद्याधिक स्थाप्त विविद्या	25222314315
422 1-12 T c23 1xx 12 2 232 1332	출도되었었다. 사이크 제 사람	252227272
물문장을 되었다. 후 교육은 등학교 후 교 성정대 등원으로	영영국합물활용 · 홍 · 경 · 영영	BRUEEBBORE
		######################################
		01000-0101-0
	- Massassa 9 2 11 13 2	10 10 01 00 00 00 00 00
	8-8-8-8-8-8-8-8-8-8-8-8-8-8-8-8-8-8-8-	973928826 
	* * * * * * * * * * * * * * * * * * *	* ± × · · · · · · · · · · · · · · · · · ·
그 그 그 이번 가장 가장 그를 가지 않는 것 같아 하고 있다고 있다.	ត្រូវ គឺ ខាន់	지 카루 :::
	8 8 8	11.3
		2.11
	8 8 8 8 E	88825
	1 22 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ಹ_⊣=೦ೀಣ :
	12-8at 8 1 12 1 2 1 3 1 1	중류취용음 다 나는 [
7	<b>日報</b> 五	ರಾಜ್ಞರ-ಜನ್ : :
	21 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	xr-=-
	6-21-20 N -4 - 121 - 1 - 0	m = +4 & = 1
10 to 11 to 10 to	7171- <u>212</u> 9 - : - 0 : :	00 th = 10 m = 1
	: : : : : : : : : : : : : : : : : : : :	
· 한 역 경 및 변경	2520 t 2 x 1 3	#####################################
: :ng::::::::::::::::::::::::::::::::::	\$0.000 m	01-X 0100
	=====================================	-000000
:: の:: 2 : 2 : 2 : 2 : 2 : 2 : 2 : 2 : 2	▼ '1- 1- :: X :: X	10 00 m t + t + 1
	© © 124 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.014.0.0
2002   20   22   22   20   2   2002   20   2   2	12.5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	522 2×842
2502   50   50   70   50   50   50   50   50	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12277723287 2987 8 8 8 2 5 7 7 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
		1251713327 2337 8 2343
三型製造   「空室   「空車」を発力   12   三 二型製造性の資金   13   13   13   13   13   13   13   1	11 1	1884 ' 48 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
	12.0 0.0 17.0 18.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
三型製造   「空室   「空車」を発力   12   三 二型製造性の資金   13   13   13   13   13   13   13   1	11 1	1884 ' 48 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
### ### ### ### #### #################	2	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
10   10   10   10   10   10   10   10	2	35.0
10   10   10   10   10   10   10   10	2	35.0
1.00   1.00	1.9 33 13.0 20 -21.0 1711-16 3 033 45.0 29 -21.0 17116 2.0 31 45.0 29 -38.0 17116 2.0 31 45.0 29 -38.0 17116 2.0 31 45.0 20 -38.0 17116 3.7 25 45.0 20 -20.0 16 5.1 136 0 20 -15.0 16 7.7 11.8 17.2 21 15 5.1 17.2 21 15 6.3 11.8 10 20 -15.0 16 1.3 10 20 -18.0 17.2 21 15 1.3 10 20 -18.0 18.0 18.0 16 12	12.00   20.0
+ + + + + + + + + + + + + + + + + + +	- 1.9 33 13.0	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
+ + + + + + + + + + + + + + + + + + +	1.9 33 13.0 20 -21.0 1711-16 3 033 45.0 29 -21.0 17116 2.0 31 45.0 29 -38.0 17116 2.0 31 45.0 29 -38.0 17116 2.0 31 45.0 20 -38.0 17116 3.7 25 45.0 20 -20.0 16 5.1 136 0 20 -15.0 16 7.7 11.8 17.2 21 15 5.1 17.2 21 15 6.3 11.8 10 20 -15.0 16 1.3 10 20 -18.0 17.2 21 15 1.3 10 20 -18.0 18.0 18.0 16 12	12   20   20   20   20   20   20   20
10	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	9 2
10	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	9 3
10	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	9 3
10	30.13 30.07 29.10 1.57 10.7 - 1.9 33 13.0 20 -21.0 17 11.6 20 -36.1 17 16.3 16.3 2.0 33.4 5.0 20 -36.1 17 16.3 16.3 2.0 33.4 5.0 20 -38.7 17 16.3 16.3 2.0 33.4 5.0 20 -38.7 17 16.3 16.7 2.0 33.4 5.0 20 -38.7 17 16.3 17 16.	9 3
10   10   10   10   10   10   10   10	30.13 30.07 29.10 1.57 10.7 - 1.9 33 13.0 20 -21.0 17 11.6 20 -36.1 17 16.3 16.3 2.0 33.4 5.0 20 -36.1 17 16.3 16.3 2.0 33.4 5.0 20 -38.7 17 16.3 16.3 2.0 33.4 5.0 20 -38.7 17 16.3 16.7 2.0 33.4 5.0 20 -38.7 17 16.3 17 16.	30.18 (90.78 (20.91) + 19. 9 (3.18) (7.5) 9 (4.21) 2 (1.21) 3 (1.18) (9.
1997   1997	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	181 30 TS 90
1986   1987	35 187 39721 30°67 297 10 157 10 17 - 179 38 13.0 29 - 24.0 17 11 16 18 18 18 18 18 18 18 18 18 18 18 18 18	161   20   18   20   20   20   20   20   20   20   2
1981   1981	73.55. 187. 39-21.30-67.20-101-57. 10-7. — 1-9.33.13-0. 290—21-0. 17-11-13-26. 31-19.31-20-21-0. 17-11-13-26. 31-19.31-20-21-0. 17-16-17-17-16-17-17-17-17-17-17-17-17-17-17-17-17-17-	65.38   161 30 T. Sgr. 78 20 20 T. 15 175   17.5
1986   1987	33   53   55   55   55   55   55   55	57 (61.38) 140 30 T8 39 T3 29 11 150 15 21 15 15 15 15 15 15 15 15 15 15 15 15 15
1981   1981	73.55. 187. 39-21.30-67.20-101-57. 10-7. — 1-9.33.13-0. 290—21-0. 17-11-13-26. 31-19.31-20-21-0. 17-11-13-26. 31-19.31-20-21-0. 17-16-17-17-16-17-17-17-17-17-17-17-17-17-17-17-17-17-	65.38   161 30 T S 9 T S 1 T
28	12   13   13   13   13   13   13   13	57 (61.38) 140 30 T8 39 T3 29 11 150 15 21 15 15 15 15 15 15 15 15 15 15 15 15 15
18   18   18   18   18   18   18   18	12   13   13   13   13   13   13   13	57 (61.38) 140 30 TS 97 TS 97 149 149 19 3 3 3 14 3 15 15 15 15 15 15 15 15 15 15 15 15 15
18   18   18   18   18   18   18   18	12   13   13   13   13   13   13   13	12   15   15   15   15   15   15   15
18   18   18   18   18   18   18   18	12   13   13   13   13   13   13   13	12   15   15   15   15   15   15   15
18   18   18   18   18   18   18   18	12   13   13   13   13   13   13   13	1, 57 (6.3.8)   July 20 18   18   18   18   18   18   18   18
18   18   18   18   18   18   18   18	12   13   13   13   13   13   13   13	1, 57 (6.3.8)   July 20 18   18   18   18   18   18   18   18
18   18   18   18   18   18   18   18	12   13   13   13   13   13   13   13	1, 57 (6.3.8)   July 20 18   18   18   18   18   18   18   18
18   18   18   18   18   18   18   18	12   13   13   13   13   13   13   13	1, 57 (6.3.8)   July 20 18   18   18   18   18   18   18   18
28	33   53   55   55   55   55   55   55	57 (61.38) 140 30 T8 39 T3 29 11 150 15 21 15 15 15 15 15 15 15 15 15 15 15 15 15

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JANUARY, 1907.

Stations not furnished with Registering The a Barometer not reduced to Sea Level.

000 411 -== -::: 000 = -00715 0.00 - 41 11 12 222 1111 0 191 10 11 11 upanjji · monacted, we cal 2882 2882 2883 578 Lill out 75-75 = morten e from <u>= 3</u> 4533 \$000 원보조 (200.5 7 00 222 J. PT PT 21 5 16×8 6 16×8 Z Z Z orth but ond morth to t 0.20 SW 7 5 報の報 21 21 VELCHITY WIND. 71 E High st d o s 高田 71 25 5 T 9 Mean miles per hour. ¥¥ =: 24 HEE Total intellisted productions and armidistrated by the production of the production - -EE---出票表表 AUN. 22.00 25 11. ÷. 4928 ≘ :~: 118 1978 1. 7. =1-1. 3 SE. EE 0:5 製造が幸 -51 131 # E 1- E - 01 5 = = ZE ~ 21-52 嘉하라를 'X 1-12 0 = So, of days completely Mean amount of cloud, Mean temperature of dewpoint. 1232 1232 1232 H 15 1 H 17 5 1 16 21 7 JS 15-6 3t 15-2 222 Mean daily 25, 911 1878 17 19 Date. 15.01 === = = 27 9.10 === 1,0176-1, RE: 1 ÷,--8.5 71 원인원 1.633 343 0.531 24.5 1.532 51.5 3.57 340 3.57 340 200 200 200 200 200 0.232 0.0 3 4 23 2 3 16 5545 558 2등 '등 2== 哥里 Minister 20.51 1 35 RESE 177 ERSE I'III -- CRF 1.046.1 30 13 30 60 50. ត់គត់គ 5555 5556 5556 5556 5556 5556 2-1 [25]] 08 H3 677 381 582 383 He th reduced RARA × 皇后 XRRG ARAGEARS Leaded there's PERSPERSEPRE 主义与 알파워늄음 S. 519 9898222386525 255 对表现医结 용크레크리랑크스타티트로용 言语图 프랑용성의 222 <u>-eassannesset</u> 55524 Halffax
Sydnoy.
"Tenro
Vermouth
of Bacton
Vermouth
state on the first
Whitehead.
Symble Island, E. Point
Stable Island, M. Station.
Wolfville
Wolfville
Wriberown
Windsor Charlottefown... Hamilton... Summerside STATION St. John's... Channell Tape Norman. Amour Pont... SEWFOUNDLAND NOVA SCOTES P. E. ISLAND BERMUDA

= = 01

# PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER. &c., DURING JANUARY, 1907.

		1: A 1	NFA	L. L.			5 X O W	FALL		
STATION.										REMARKS
	Amount in inches	No. of Days, 01, or Over	No. of Fair Days	Heaviest Fall in Month	19ate	in		Hay iest Fall in Month	Date.	
British Columbia	in.	_		in.		in.		in.		
Coquitlam	8/35 3/80		20	3 61	20-21	16:2	7	9:0	17-8	
Goldstream Lake. Hartley Bay Nass Harbour	3186 1125	9	15 22 27	1 05 1 20	20 22	3310 5310 4410	8 7 5	10°0 20°0 24°0	19 19-20 20	
Nanaimo Royal Oak Somas River	1/85 1/08 3/30	5 4 3	25 27 23 25 18	1 15 1 23 2 80	19-20 19 20	16:0 2:0 25:0	1 2 10	10:0 1:0 7:0	2 1 3	
Alberta—	., .,	.,								
Bismark Bardo, Beaver Hills, W			23 27	, ,		1715 4 0 615	8 1 6	a 0 2 0 3 0	21 21 20-21	
Bruederheim Dorenlee Conjuring Creek			25 30 24			610 2010	1 7	616 7 0 6 2	21 10 20 21	H and 29 Mercury frozen.
Confliction Courts Grassy Lake Heather Brae			26 18 24			12 3 26:0 13:0	13	4:0 6:0	11 12 10 20-21	11th-12 0 15th-45 0 "14th-56 0, 15th-54
Heather Brae lunisfail Islay Josephburg			23 5 4			13 8 10 0 3 4	8 5 1	7·2 7·0 2·5	10	HUI 39 C, I3CH 33
Lacombe Count			- 5 19			12°5 5°8 12°0	6 5 12	4:0 4:0 4:0	11 11	
Macleod Magrath. Mayton.			T.			23°0 13°0	1 1	115 60 8.0	28 12 10~11	
Magrath. Mayton. Ponoka. Stirling. Saddle Lake.			27			11:0	5 	610 610 110	20-21 3-4 21	
Wabamun Clover Bar			29 21	1: :		5°0 13°1	10 1	\$10 \$10 \$10	21 20 16	
Vermilion							2 2	1.5	3	
SASKATCHEWAN—						12:0	å	5:0	1	
Elm How Insinger. Last Mountain. Regina			28 28 23			12 0 4 5 12 0 12 2	3 3 8	3:0 1:0	3i 23-24	Very strong winds.
Manitoba— Cartwright			.15			8:0	6	3 0	1	22nd -32 -blizzard.
Gretna Norquay Rapid City			25 26 24 19			13:5 14:5 6:5	12	6:0 1:0 2:5	2 2	13th - 40
Ontario - Aurora.	1 73	5	15	0.80	3	9:5	10	<u>-</u>	12	
Georgetown Strathroy Wyoming	2·33 3·54 3·05	5 6 7 4	15 8 16	0184	3 7	13 0 18:0 13 0	18 8 5	2.8 410 410 5.0	12 23 22 11	Fog. 6, 7, 14, 18, 19, 31, Thunder, 7, 8, 24th, Crows,
Goderich	2°13 2°40	6 3	22 19 22 25	1°10 0°85 1°00	20 19	9:0	6 6 2	4 0 2 0 3 0	11 12 26	Thunder, 7, 8,
Parma Sydenham Montague	2:35 1:75 0:64	4 3 2	25 25	1:00 1:25 0:51	$\frac{4}{25}$	5.0 15.0 9.0	3 5	6:0	13 31 10	
Lansdowne	2.95	$\frac{3}{2}$	27 23 18	0°77 0°75 1°15	19-20 3-4	2 0 10:0 10:5	1 6 6	2·0 4·0 3·0	12 13	 
Ennismore	1°50 1°88 1°11	$\frac{1}{4}$	28 21 21	1150 0186 0179	19 3 19	510 718 1510	6 8	3 0 2 5 7 0	25 12 10	Fog. 3, 7, 23rd +20
Wooler Croydon Emsdale	1°57 1°80 1°08	4 2 3	22 26 17	0°81 1°20 0°89	3 19 19	4°5 10°0 13°3	6 3 11	2:0 4:0 5.5	12 12 11	
Orangeville Westminster Midland.	4:42 2:48	6 5	18 22 19	1°50 1°53	3 8	9°5 3°0 23 8	12 12	5°1 3°0 6°0	12 31 24	
Deer Park Wiarton Dutton	2°11 0°68 3°58	1 2	20 19 21	1:06 0:45 1:33	19 3 19	14:2 22:0 7:0	6 10 3	1 8 6 0 3 0	16 25 23	
Watford	3.13	i	27	0.95						Nu snow recorded.
Point Escuminac	0:16	3	21	0:11	2	15:0	ī	5:0	21	

PROPORTION OF BRIGHT -UNSHINE REGISTERED IN EACH HOUR OF THE DAY DURING WHICH THE SUN WAS ABOVE THE HORIZON IN THE MONTH OF JANUARY, 1907.

						11°									-;	-	-						11.8
	Victoria.	Namaino.	Agnesiz	Kamloops.	Battlefaul.	Medicine II	Edmonton.	Indian Hea	Brandon.	Winnipeg.	Woodslock,	Toronto.	Lindsay.	Barrie,	Gravenhur	Hailes turry	Klugston.	Ottawn.	Montreal.	Sherbrooke	Quehec.	Fredericton	Charlottet
Mean proportion for month (Constant sunshine being )		0.30	n 33	0127	0.65	(25, 1)	0.35	0.37	0-16	n 11	0.21	0:24	0:31	0.20		0.33	0-20	0.23	0 24	0.55 (	128	0-41-6	0:33
Difference from average.	1 16		: 14	l i	- 36			1118	(V)	(11)	+ (1)	(12)	→ 11k2	- 01		-	(15	(16	10			+ 11)	
Maximum daily amount	11.85	0183	0.72	;ii 78	1 (0)	n 30	0.81	0.45	0.86	0.94	0.8%	0.92	0.97	0.85		0.87	0.76	0.86	0.80	1158 11	87	0.13	0.96
Date.	25	13	-26	12	6	27	26	12	31	25	5	23	23	23		99	7	31	26	23	16	21	25
No, of days clouded	9	- 45	17	6	- 1	10	*	Fi.	7		18	15	16	- 11		10	17	15	11	15	9	9	10

### Aurora recorded :--

Where the class of aurora is noted by the observer, it is given, (I) being the brightest. (IV) the feeblest in brilliancy.

- 1. Atlin. JV.
- 4. Aweme, III; Insinger, II.
- 5. Quebec, III: Aweme, III; Chaplin, Foxleigh, Estevan.
- 6. Edmonton, III; Foxleigh, Insinger, II.
- 7. Quebec, IV; Truro, IV; Haileybury, II.
- 8. Truro, IV; Aweme, IV; Bruce Mines, IV: Insinger, 11.
- 10. Aweme, III; Insinger, II.
- 11. Quebec, IV; Treberne.
- 12. Qu'Appelle, IV; Insinger, IV.
- 13. Haileybury, IV.
- 14. Treherne, Aweme, II: Chaplin, IV.
- 15. Edmonton, H; Insinger, III.
- 16. Insinger, IV.
- 17. Treherne.
- 20. Kenora, H; Bruce Mines, IV.
- 21. Bruce.
- 22. Haileybury, 111.
- 24. Edmonton, IV.

### Thunder recorded on:

- 1. Halifax.
- 7. London, Strathroy, Wyoming, Westminster.
- 8. Port Stanley, London, Port Dover, Paris, Strathroy, Wyoming.
- 13. Quesnel.
- 15. Almasippi.
- 19. Renfrew, Barrie, Cottam.
- 20. Saugeen, Renfrew, Port Dover.
- 27. Bermnda.
- 30. Bermuda.
- 31. Bermuda.

### FORECASTS FOR JANUARY, 1907.

The forecasts issued by this office at 11 p.m. each night, are posted up at every telegraph station in Canada, and are for the 24 hours beginning at 8 a.m. the following day.

The number of predictions issued during the month was 1262. These were divided as follows:

		No.		V) at	F11 (+,	
	Distract.	,50.   <sub>N</sub> =	No. Fully	No. Partly	No.	Per centage,
Alberta		57	846	11	-	53.9
Saskatchewar Maratolia		92	193 72	10 13	-	\$4.5
lake superior	*	103	7.4	20	6	81.5
Lower Lake Region Georgian Bay		101	74 78	22 19		83.3
Onawa Valley.  1 pper 8t. Lawrence		110	78 73	31 28		71.5
Lower St. Lawrence	•	100	78	20	11	91.7
Gulf Maritime Provinces, West		114 122	43	21 32	10 8	82 B 803
Maritime Provinces, East.		122	92	25	1	8570
Total		1262	916	255	91	82.7

In order to obtain the percentage of verification of the predictions, the number partly verified is divided by two and added to the number fully verified, and the result divided by the total number issued.

In ascertaining to what extent the predictions have been verified, the reports from the agents at all observing stations, as well as the telegraphic reports, are used.

R. F. STUPART, Director.

26th February, 1907.

# DEPARTMENT OF MARINE AND FISHERIES, CANADA.

METEOROLOGICAL SERVICE.

# Monthly Warthen Review.

VOL. XXXI.

FEBRUARY, 1907.

No. 2.

### INTRODUCTION.

In compiling the present Review the principal data made use of are the telegraphic reports of observations received at this office for the purpose of weather forecasting, and reports by mail from voluntary observers and storm signal agents. For the material used in tracing the paths of areas of high and low pressure in the United States, we are indebted to the Chief of the Weather Burcan, Washington, D.C.

### REMARKS UPON THE WEATHER.

The weather in British Columbia was exceedingly cold during the first six days, the temperature at night falling well below zero over the upper mainland. After the 6th it was much milder, but excepting in some districts on the lower mainland and islands the mean temperature was somewhat below the average. In most localities the precipitation was heavy, much of which over the mainland was snow and the depth on the ground was considerably more than usual at the end of the month. The chief precipitation occurred on the lower mainland and islands about the 5th to 8th, 12th and 18th to 28th. Over the upper land the dates were the 1st, 4th to 7th, 13th, 18th and 23rd to 25th. In Vancouver Island there was much dull weather but elsewhere bright sunshine exceeded the average.

The weather in the Western Provinces was exceedingly cold during the first five or six days after which it was quite mild up to the 19th. Comparatively low temperatures prevailed on the 20th and 21st, also from the 25th to 28th. From the 3rd to 18th there was much fine weather and in Saskatchewan the proportion of bright sunshine exceeded the average. The precipitation which was quite light occurred chiefly on or about the 1st and 25th, but at some places it was completely absent. By the end of the month the ground was bare in southern Alberta and elsewhere there was only a light covering.

In Manitoba the weather was cold during the first week, also from the 20th to 22nd and 25th to 28th the intervening periods being unusually mild. The precipitation which included rain at some places on the 22nd was quite light, falls occurring at most places on or about the 2nd, 11th and 22nd to 26th. Fine weather prevailed and the proportion of bright sunshine exceeded the average. The snow on the ground on the last day of the month was quite light.

In Ontario the the weather was colder than usual, temperatures below zero occurring frequently throughout the month. On or about the 2nd, and from the 9th to 20th, the temperature occasionally rose above 32° at many places, but the nights were cold during this period. From the 3rd to 18th there was much fine weather and the proportion of bright sunshine for the month exceeded the average. The precipitation which was quite light and which included some rain occurred chiefly on or about the 2nd, 6th and 7th. 9th to 12th, 14th, 16th and 19th to 26th. Northeasterly winds were frequent and on the 2nd there was a heavy northwesterly gale. The depth of snow on the ground on the 28th diminished from about 24 inches in northern districts to about 6 inches in the southern portion of the province.

In the Province of Quebec the weather was unusually cold and stormy, temperatures well below zero occurring frequently throughout the month and the mean temperature being below the average. From the 1st to 6th, 10th to 21st and 24th to 27th light falls of snow occurred almost daily in western districts. In the eastern portion of the province the falls were much less frequent and the total precipitation of the month was everywhere comparatively light. On the 28th the depth of snow on the ground ranged from 30 to 60 inches.

The weather in New Brunswick was exceedingly cold and stormy and temperatures below zero at many places were of almost daily occurrence. From the 17th, however, it was comparatively mild, the temperature during the day rising between 30° and 40° in many districts; and on or about the 3rd and 21st similar temperatures were recorded. The precipitation which was mostly heavy in districts

contiguous to the Lay of Fundy and comparatively light elsewhere, occurred chiefly on or about the 2nd, 3rd oth 80 to 11th and frequently from the 10th to 20th nevertheless there were some fine days and the preportion of bright sunshine did not depart much from the average. The depth of snow at the end of the more was from 30 to 60 inches in most districts

It Nova S of the weather was unusually stormy and cold, and in northern districts temperatures below zero were to piently recorded at many places on or about the 1st, 8th to 13th and 23rd to 28th. On the 11th "2th and from the 14th to 18th, also on the 21st and 22nd, comparatively mild weather prevailed ind temperatures exceeding 10 were noted at some places upon several occasions. Throughout the month there was much dull weather and precipitation was frequent from the 1st to 3rd also on or about the 6th, 15th, 18th to 22nd and 26th.

The weather in Prince Edward Island like that in the neighbouring provinces was exceedingly cold but a temperature slightly below zero was recorded on the 3rd at one station. Cloud and sunshine followed in quick succession and from the 7th to 10th and 22nd to 24th, it was fine almost continuously. Precipitation which included rain on the 3rd and 21st was recorded in most districts on or along the 1st, 2nd, 3rd, 6th, 7th, 14th to 21st and 26th. F. F. PANNE.

### WINDS.

In British Columbia on Vancouver Island and over the Mainland the wind was mostly variable but favoured somewhat an easterly direction. Strong breezes occurred on four days, fresh on fourteen and there were two gales.

In Alberta and Saskatchewan the south and west directions predominated with twelve days with strong and eleven with fresh breezes and two gales.

In Manitoba the direction was variable favouring slightly the westerly with eight days with strong and nine with fresh breezes and four gales.

In the Lake Region the north and west directions were the most general with six days with strong and seven with fresh breezes and six gales.

In the Ottawa and Upper St. Lawrence Valleys the north and west directions were most in evidence with seven days with strong and seven, with fresh breezes and five gales

In the Lower St. Lawrence Valley and the Gulf the direction was mainly northerly to westerly with nine days with strong and nine with fresh breezes and four gales.

In the Maritime Provinces the direction was chiefly between the north and west with nine days with strong and seven with fresh breezes and seven gales.

In the Maritime Provinces where in many localities winter navigation is pursued, the gales occurred between the 2nd and 3rd, on the 5th between the 10th and 41th, on the 14th between the 18th and 19th, on the 21st between the 25th and 26th.

The gales were all warned but on several occasions the warnings were received late, some owing to delay in transmission and others again owing to delay in issue.

### ATMOSPHERIC PRESSURE.

Subnormal values of the mean atmospheric pressure for February occurred throughout the Prairie Provinces, elsewhere in Canada they were in excess of the average.

The extremes of departure from normal were = 0.10 of an inch at New Westminster, B. C., and = 0.07 of an inch at Calgary, Medicine Hat, Alta., and Battleford, Sask.

### HIGH AREAS.

During February the systems of high barometric pressure which traversed the Continent were as in January, of great intensity, the most important ones moving into the field of observation over the Yukon Territory, and thence passing southeastward to the Atlantic.

Eight systems of high pressure were charted, and in addition there were a few minor areas which were local to the Pacific slope.

Severe cold accompanied many of the systems during their passage over Canada.

### LOW AREAS.

Fourteen areas of low pressure were sufficiently defined to admit of their paths being accurately traced. Five were first observed in the Yukon Territory and passed southeastward into the Lake Region; two travelled over the continent from the British Columbia coast; two first appeared on the United States Pacific coast; two in the Gulf of Mexico; two near the Bahama Islands and one apparently originated a little to the southward of the Lower Lake Region. Many of the areas were energetic and high winds and gales were more or less numerous in most portions of the Dominion, especially from the Lake Region to the Maritime Provinces.

### TEMPERATURE.

West of Lake Superior the mean temperature of the month was above the average while east of it the mean was below the average. The largest positive departures, amounting to 7°, occurred in Saskatchewan, and the largest negative departures, also about 7°, occurred in Western Quebec and Southern New Brunswick. In the Western Provinces the extremes of temperature were pronounced, five days of extreme cold being followed by a fortnight of unscasonably mild weather which was in turn followed by moderately cold weather. From Ontario eastward the temperature was almost continuously below average.

The Highest and Lowest temperatures in each Province during February, 1907, were:

	A		
British Columbia,	65°	. 1	1 on 15th at Alberni, —43° 0 on 24th at Atlin.
Alberta,	630	10	O on 16th at Lethbridge, —58° 6 on 2nd at Alix.
Saskatchewan,	490	•(	0 on 16th at Prince Albert, -54° 0 on 4th at Moose daw.
Manitoba,	55°	.(	0 on 15th at Fort Osborne, -46° 0 on 5th at Brandon.
Ontario,	48°	•()	0 on 14th at Bloomfield, $-54^{\circ}$ 0 on 4th at White River.
Quebec,	40	• 6	3 on 14th at Sherbrooke, —39° 0 on 23rd at Abitibi.
New Brunswick,	46°	.2	2 on 15th at Grand Manan, −33° 0 on 24th at St. Stephen.
Nova Scotia,	52°	•(	0 on 21st at Port Hastings —22° 3 on 13th at Truro.
Prince Edward Island,	45°	•(	0 on 22nd at Hamilton, —12° ·0 on 23rd at Summerside.

### PRECIPITATION.

In British Columbia the precipitation was above average in most localities, and was chiefly in the form of rain which at the lower levels soon cleared away the snow which lay on the ground early in the month. In the Western Provinces there was no rain and the snowfall was quite light. In Ontario there were many light snowfalls, and in the southwestern part of the Province a few showers, while in Quebec there were many snowfalls, some of which were heavy. In the Maritime Provinces the total precipitation was very generally in excess of the average with some rain, but it was for the most part snow which in a few instances was heavy.

### DEPTH OF SNOW.

At the close of the month southwestern Alberta and the lower levels of Southern British Columbia were bare of snow while all other districts were covered.

In Quebec and New Brunswick the depth was considerable, ranging from 30 to 60 inches, but in Ontario and the Western Provinces a covering of less than 24 inches in northern districts lessened to a depth of a few inches in the more southern portions

### THICKNESS OF ICE.

Edmonton, 30 inches; Medicine Hat, 15 inches; Swift Current. 36 inches; Battleford, 30 inches; Minnedosa, 24 inches; Port Arthur, 22 mches; White River,  $16\frac{1}{2}$  inches; Saugeen, 14 inches; Port Stanley, 18 inches; Rockliffe, 25 inches; Ottawa, 30 inches; Chatham,  $23\frac{1}{2}$  inches; Charlottetown, 15 inches; Sydney, 24 inches; Toronto, 18 inches; Lakefield, 20 inches; Peterboro, 27 inches; Owen Sound, 15 inches; Lansdowne, 12 inches; Sutton West, 24 inches; Port Dover, 14 inches; Clinton, 10 inches; Gravenhurst, 24 inches; Meaford, 18 inches; Hamilton, 17 inches; Arden, 29 inches; Port Burwell, 18 inches; Fredericton, 27 inches.

### BRIGHT SUNSHINE.

From Southern Saskatchewan to and including Ontario, the amount of Bright Sunshine recorded during February exceeded the normal; elsewhere in Canada, with local exceptions in British Columbia, the average was not reached. The extremes of departure from normal were  $\pm 18\%$  at Winnipeg, Man. and-5% at Montreal, Que. The possible amount of sunshine was recorded at Gravenhurst, Ont. on the 22nd, 24th and 25th; and at Montreal, Que. on the 22nd and 23rd.

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, FUBRUARY, 1967

many of contracts	O Description E	min in ohil min ohil	0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.2 0121 0 0.12 0.20			0.00 m st 20 % 11 to 0.00	1				20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 225	5	4500 4570 450 450 450 450 450 450 450 450 450 45	10 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		5 E 6
	VI DE IN	erlour. - (11) (11) / (11) / (11) / (11) / (11)		- /					71	**************************************		0.11				55 CT F		
1		Tod mun latol snorm-rasson to soli i m olk		190	7	7		-	36	= 70	4	ć	77			登号 ズ		
		5		21	71	2			<u>/</u>	= =	1	10	2121			7= 3		
	1 1811			21	=	***			= =	- <u>=</u>	21	= .	= =			<u> Z</u> = =		
	WIND	11.		=	27	21			7   =	2 3.	=	-	= 5			= =		· :
		:717.8			=				-=	7	5	-	73.7			E 1 21		
e The	5 /	's		=	50	-			= 12	= =	=	100/10	= =			=- 3		
Stations not infinished with iteg sterring	DIRECTION	.4.8		2~	5	23				¥: <u>-</u>	5	1	<u>m m</u>			至 至		
let Ma	JIRE	1.		-	74	***				·= =	=;	~	==			== -		
8	_	N.E.		-	=	<b>33</b>				_ 75	107	77	= = =			<u> </u>		
1 100		.2.			71	=			-3	51 m	-	-	:			X = =		
1	Metely	No. of days comp		-12	=======================================	21			9	op-t	-		. 25			=21 =		
THEF		Mean amount of cloud,		13	=	1 -			1 =	1	1		20			3/ t= - t=		:
not		Slean relative Albian d								T.			. 33			7.		
10114	10.91	Mean temperatu dewpoint.																
7.		Mean daily range.	3121	21,1673	I 255	257 257	1 0	8 48 9 59	2220	2015 E ME A	nxc HEE	-00-	7 x p					81 81
		Date.	2122	<u>-</u>	20 (27)	er er er	275					20.20 2		20 - 20	mm	- 20 20 20 20		7173
Lovel.	16.6.	Lowest	51 X	= == :		52-3	19.29					EXXX EXXX E				151 = 315		3 H
Y. 12	KATT	.ejrel	25	2	5, EE.	552	=	51 - 51 F	181=E	2717	222	当有目前	11288	31 - 53	តិភពតិ	2512		==
a larometer not reduced to Sea Lavel.	Temperature	Years observing Highest.		1 100	4 항망.	000 200 200 200 200	20 E	8 45	2 2 2 2	医异苯	523		· 692	= :	वेद्यव	2000 2005 2005 2012		50 99 80
red		from average.	= m			T T1		= =	2 1 1		7 E	ME			25 % - 51	71 -		
nor a		Difference	- 22	21	y = ==	122	20	C 1-0	:/	121	-1-7		a jirgiya Sijirgiya	m -		101 MI		
omeke		Левп.	- m - 2 g		3 EE	2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	8	H 56	iaas e	285		55585 5	1 ASS	₹, ±	:តស្គង	EERAS.		ie is
Rar	덮	Kange.	in. 'in.		2	=======================================		:	Z	57	96.0.00	7.3				E 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
٥	SUR	Jaswo.I		8	51	51			81	ñ	5	8				<b>司司</b>		
	PRESSURE	Highest	= :	30 OZ 30 30 20 20 31 1 30	45 21 18 10 18	11 11 11			100	FEE \$81.485 AND	man man	80 1 23 62 62 62 62 62 62 62 62 62 62 62 62 62				81 18 19 18 18 18 18 18 18 18 18 18 18 18 18 18		
	_	Mean reduced.	= :	20 18	E :	31 16			= =	8	00.00	8				24 .		
	£05	Elevation above	훒참	3		272 E	Ē	500	11937 St. 11 St. 52	A 5	PAR	52 3			EZ	78		555 555 -
		Longitude W.	25 25 25 25 25 25 25 25 25 25 25 25 25 2	2	15555	<u> 2889</u>	55	11年11日	555	255	HAE	8888	1288125		EEE	222 :		1139 90 190 15135 0 955 1
		.N abuituda N.	2=	A 7	"르므링크 8정정의方		92 48	222	255 250	MER MER		RNES Bere	18-8-8 35855			SEE.		29
		STATION,	Burnsu Coleman Alberni Agassiz		Belling Coola Bunlfon Coola Bunnfeld Creek			Clarry Point Clarity	ops.		Now Westminster Nebon		ington				YUKON :-	a Dawson White Horse Conrad
ı			Harrie Land							3	den de de			<u> </u>	,,-er	2 %	Y	e .

		17
	1010-00	
		00 0 10 1000 10000 0000 0000 0000 000 0
		NA : : : : : : : : : : : : : : : : : : :
(Ht-311-00 (H-H0)-31-01- (M0)0100 M	- 35 m I - 35 c -	abstraction of way as a man as a second
		00-01-138   1   1   1   1   1   1   1   1   1
1 2 8 2 2 3 3		의 : : : : : : : : : : : : : : : : : : :
	388884 555554	20 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 1 2 1 2 1 1 1 1 1 1 1 1 2 1 2 1 1 2 1 1 2		1 N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
<u> </u>		19 : : : : : : : : : : : : : : : : : : :
1:8::8::8::8::8::8::		18 : : : : : : : : : : : : : : : : : : :
2 <u>2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 </u>		12
Cax C		5 0 0 Ex xxx x + 5 0 H
: '8 : 'a : 'E, '5 : '5 : :		0 : : : : : : : : : : : : : : : : : : :
0 0 0 0 0		0 m 84 n4 5nm 00 1
		φ : : : : : : : : : : : : : : : : : : :
· · · · · · · · · · · · · · · · · · ·		0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		218
	%1+∞0±+	©⊕ © - ∞ - ⊕⊕⊕ + 1-⊕9900 - 1-1-99000 - 10-1-10-10-10-10-10-10-10-10-10-10-10-10
នៃក្នុងនៅ និងក្នុងក្នុងក្នុង គឺ	ននៃត្រង់នៃ	868 5 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1
esimmen — masannannannan m	wid in in State	
	####### 	24
	229222	87 31 : 21 98 25
+ + + + + + + + + + + + + + + + + + +	0.00.00.00 0.00.00.00 0.00.00.00 0.00.00	できた。
: 0 4 : 0	0 :10516110	24 2
+ + + + + + + + + + +	11111	+ +   +   +   +   +   +   +   +   +
**************************************	6:0 6:0 6:0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	=215+3	
• : 5 : 18 :	: : : : : : : : : : : : : : : : : : : :	33776 29 34 142 307.82 29 36 14 17 307.82 29 36 17 17 307.82 29 36 17 17 307.83 29 36 17 11
30.16 30 70 29 49 1 21 30 30 70 29 48 1 32 30 70 6 30 70 5 29 48 1 32 30 70 6 30 70 70 70 70 70 70 70 70 70 70 70 70 70	75.75	882 30.10 35.76 29 34 1.42 20.00 10 35.76 29 34 1.42 20.00 10 35.76 29 34 1.42 20.00 10 35.76 29 35 1.42 20.00 10 35.76 20 35 1.42 20.00 10 35.76 20 35 1.42 20.00 10 35.70 20 35 1.42 20.00 10 35.70 20 35 1.26
	· · · · · · · · · · · · · · · · · · ·	
02 08 38 39 22 38		
30.08 3	: : : : : : : : : : : : : : : : : : :	30 10 3 5 7 5 3 5 7 5 5 5 5 5 5 5 5 5 5 5 5 5
1650 1542 30-10 30 70 2876 3889 30-06 30-80 2158 30-06 30-80 2158 30-06 30-80 3894 3128 30-06 30-75 3750 3750 3750 3750 3750 3750 3750 3750	2480	New York
		지원 등 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
22222222222222222222222222222222222222	222222 223222	
2425282828282828282828282828282828282828	8-8448 -8448	
£3252222223555555	<u> </u>	事務局事務局所以 1982年 1982年 1983年 19
&a		o de la constanta de la consta
(a)	sek	
reek dat.	Cre in in n	white the state of
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	ills fa kiw field ern ega	neda hedu hedu hedu hedu hedu hedu hedu hedu
ALBERTA— Athabasca Landing Alix abilit Binekfalds Bun Accord Calgary (Calgary (Calgary (Calgary (Fallany Dislayory Hill Gleichen Hilbsdown Hilbsdo	Thr. chills Creek. Victoria	Alameda Battleford Brondview Brondview Brondview Gamington Manor Crane Lake Crescent Lake Chaplin. Duck Lake Bestevan Foxfeigh Gatlesgarth Gatlesgarth Gatlesgarth Grenfell Inmubolt Indian Head Joydminster Lembers Moosonin Melfort Moosonin Melfort Prince Albert Onion Lake Merginal Frince Albert Onion Lake Moosonin Melfort Millow Bunch Manyroua Almasiphi Brandon Brandon Brandon Carberry Ca
BE THE SECOND SE	E CO X	FERDERARRAMENT OF THE SECRET PROPERTY OF THE SERVICE OF THE SECRET OF TH
うるるもののこのひまななは世来できずスナアが	AS A FINA	ARMOOOCHAP-AR

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, FEBRUARY, 1907.

Тичтионетов.	WIND PROM VELOCITY OF PRECIPITATION, E	S.W.  Y.W.  C.  Total number  Alean miles  per hour.  Highest day's  relocity.  Internal  Amount.  Internal  Interna	0.01-0-110-20-323-0-0-0		0.26 -0.37 0.13, 124, 9 0.0	0 27 3 0 0 0 5 1 12 5 36 32 3 28 8 0 27 0 51 0 H 7 18 2 0 0	N. H77 BH 139 672 1.2 15.3 24sw 0.80 +0.16.0 26 7 15 0 0 0	2	0 0 0 23 25 27 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2	2.35 0 76 0 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	28 28 28 28 28 28 28 28 28 28 28 28 28 2	10 00000000000000000000000000000000000
with Registering Th	DIRECTION OF	THE THE				. 5.0 17.0 17.0	ন গ্ৰ	719	- 12 24	#2121 #12m 10m1	*** par	ex-Boscie-	o
rith Reg	DIG	N.E.				57 24		nim Wil-	s - s -	0 21 E		: ಪ್ರಕ್ಷಾಗಿ ಕ್ಷಮ್ಮ	e en m
not furnished		dewpoint.  Nean relative cloud.  Nean mount of cloud.  Nean mount of cloud.  So, of days complete.				- n	1~ (a	10 m	20 :	-3 K	-	ж — Ф је	8×
Stations	To ent	Mean daily range.	m x		65 67		845		242a 88312	85855 85855		: ::: ::::::::::::::::::::::::::::::::	
J		Date.	m m m =	- 200	0.00	n n	3122	~김기	8884 0000	88-8-	315151	2888888888	55 2992229°
Sea Level	PELATURE.	Date, Lowest,	1.55	×	14 H	= 12 = 12	222 222		mana mana	2012 2012 2012 2012	135		ge meblebee
a Barometer not reduced to S	Trapelo	Difference from average. Years observin	6 1 - 35 0	Z	6 123 13 5	0 00 0 00 0 00 0 0	0.00 848 0.00 0.00 0.00 0.00	255 155	21.00 21.00 21.00 2.00 2.00 2.00 2.00 2.				
eter no		Mean.	2012 P =	- m	13	3 U	-211 2-1-	20.0 712.5	12 × × 12	1-10-01-01 -1-10-01-01	- 8 = = 11 =	201-2-1-2- 201-212-1-29	on ownership Et Eb2023b3
a Baron	PRESORE	Men r duced. High et. Lowest. Engage.	in to in in.		STORY TO SERVE	20 17.90 08.50 T. H	2012300.20131.28	20 12 30 61 20 11 1 20		90 1133 S. 29 20 1.46		11 1 120 07 18 08 01 08 11 1 120 07 18 08 01 08	## ## ## ## ## ## ## ## ## ## ## ## ##
	West 0	Flet ation above	=======================================		227	HE TE	252			RE BREE	-	RESES 575	<b>医岩豆属食品品品名字名</b>
		Webu ade N		E ¥ 8	121~	1878 1878 1878	8457	838	무기쓰위		- FH #	<ul><li>ラススファデネファッ 第第四つ第四名では</li></ul>	2014년 000 10년 12년 2017년 12년 12년 - 12년 12년 12년 12년 12년 12년 12년 12년 12년
		STATION.	MANTORA Con. Oakbark, Oakdole Park.		axt. Albans (Avenue).		Copper Cliff Westorn Fort Arthur Savanne	White Enger Alton. Barrie	Bala Beatrice Bruce Mines Cluten	Coldwater Coldwater Coldwater Cockburn Shad Genventurs Hades bury	Merkinov Merkind Vorth Bruce	Owen Sound Orgilla Fighs Sound From Cark Southumpton Satton West Uplands From West Ciplands From Cart Cortona	Chathan. Chathan. Chathan. Chathan. Bundhan Fordon Fordon Ford Stanfoy Port Bayer. Port Bayer. Port Bayer. Port Bayer. Ford Bayer. Ford Bayer. Ford Bayer. Ford Bayer. Ford Bayer. Ford Bayer. Fordon Bayer. Fordon

8232222	22237422 5 2 2 32	2772255555
0F499F 4 0 5 44 500 500007F2	**************************************	(2) 中央ではなるのと - 1 中央ではなるのは - 1 中のではなるのは
888548 21 18 18 18 21 8 8 2 2 2	25F3888 8 8 8 84	38888888888
		00000000000000000000000000000000000000
	84538 8:8:	単級をおいればは
		700-00-0
888888888 883 88 81 81 8885888	88 28 28 28 28 28 28	Envenagase
	शिमेशकेमेशिमें शिक्षित में जान	m 31 0 - 31 m - m m
	N S N N N N N N N N N N N N N N N N N N	= =====================================
	1, 140,640 1 1 1 60	
	N	25 × 25
		1   1   1   2   2   2   2   2   2   2
		FT 1111
[2] · · · · · · · · · · · · · · · · · · ·	87238377 2 : : : : : 8	艾洛罗拉克 (1)
		The second secon
φ	00,00,000	#m = 0 × : : :
:	7-58E-88 8	2192815
18 : 1 : 18 : 1 : 18 : 1 : 18 : 1 : 18 : 1 : 1	<b>高製屋 4 m 製 4 m 3 m 3 m 3 m 3 m 3 m 3 m 3 m 3 m 3 m</b>	300 to 21 T
8 : : : : : : : : : : : : : : : : : : :	x 10 5 - 31 01 xx - 12	+5×1-8
: - : : : : : : : : : : : : : : : : : :	HE 040 50 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 - T - 2
7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	#10101grader   -     0	1 per em 21 1
<u></u>	meganoma in italiana a	
=	ಜ⊷∺ ರ∞ ರೆ ಬಡ್ಡ <i>್ಡ</i>	*21-×2 : : : :
: <u> </u>	x 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	201202
		220000 g = 11, 12
4	801 2 C C - 2 C C C C C C C C C C C C C C C	71
	∞ -t-±11~	7.101-101-
	# 10 m 10	୍ର ଓଡ଼ିଆ ଅନ୍ତି
.26::::::::::::::::::::::::::::::::::::	<del></del>	
<u>:*:::::::::::::::::::::::::::::::::</u>		
		111
## - # # # # # # # # # # # # # # # # #	-X+ C + 21+	au- caen-a
-88588881-888888 88888 B8888	보도면 보기 사람 : · · · · · · · · · · · · · · · · · ·	함께는 모드라라드림
=======================================	28352888 8	ត្តតានាត្តតតត <sup>្ត</sup> ក្ន
26666666666666666666666666666666666666	28 6 5 24288488 28 6 7 2 8 24288488	880-158458 005080505
mmanuallangania attommen	wormum≡⊒m   51 ; ; ; ; = 3101	
		<u> </u>
%4725374%55%3%8% %3%8%8\$%8% 0000000000000000000000000000000	25 25 25 25 25 25 25 25 25 25 25 25 25 2	2868080000
	85868	
next a a a ceee con xemman	(のはのもの の 12   (ののはのもの の 12   )   (ののはのまな 1 の 1	2016 600 2016 200 2016 200 200 200 200 200 200 200 200 200 200
	000000 0 t-	
<b>2001年中に日本市は10日の10日の10日の10日の10日の10日</b>	5 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -	N X BE CHH \$ 0 to
######################################		xxakamman
		2) 21 00 (2 (2 on on on )
্র কিলাল লাভিন ক্রিল ভার লাভ্রাল র লাভ্রাল ভার লাভ্রাল ভার লাভ্রাল ভার লাভ্রাল ভার লাভ্রাল ভার লাভ্রাল ভার ভা		원박원 (현기 기기
<u> </u>	<u> </u>	<u> </u>
1991 1980	30 05 30 76 29 37 1 33 30 05 30 05 30 37 1 33 30 05 30 05 30 37 1 33 30 05 30 30 30 30 30 30 30 30 30 30 30 30 30	
		29.9 S
		200
	200	<u>즐겁</u> 글등님왕생동용
<u> </u>	医医肾毒素 商品第一 市 麗 二十二	201-WI-WWW.0
		#89573E982
2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 ×	%%####################################	#352-35666 #352-35666
28658557474747474658865555555555555555555	88844428888888888888888888888888888888	#488888
지속되지 자리되지 자리 지수 하는 보다 하는 이 전 이 전 이 전 이 전 이 전 이 전 이 전 이 전 이 전 이	第三天设置上在公立由上2002年12日 2002年12日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日	#2####################################
28658557474747474658865555555555555555555	88844428888888888888888888888888888888	#488888
지속되지 자리되지 자리 지수 하는 보다 하는 이 전 이 전 이 전 이 전 이 전 이 전 이 전 이 전 이 전 이	######################################	#2####################################
	######################################	#2####################################
	######################################	
	######################################	
	######################################	
	######################################	
	ead	
	ead	
지속되지 자리되지 자리 지수 하는 보다 하는 이 전 이 전 이 전 이 전 이 전 이 전 이 전 이 전 이 전 이	第三天设置上在公立由上2002年12日 2002年12日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日	### ##################################

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, FEBRUARY, 1907.

a barometer not reduced to Sea Lovol. \* Stations not furnished with Registering Thermometers.

		01220 200			mai =	•
	A Thing to o /	01221 24:		111	=======================================	0%
	ANTOTHE TO U.	5 - M 5 - 5 5	= = = =	0155	=	0
	Secol for a days.	2222 55	= 4 4	二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二	2133 8	====
430111	20.1), ditto syn 1	三二三三 20-1		224	- m - m - m - m - m - m - m - m - m - m	*** ****
1	dinomin.	1121 Eg.		486	#8 8	25
= ;	Ilah best tr II			222	-12 5	=
PRECIPITAL	Diffi rence from	2000 90		2 = 2	0	=
=	thorpastial thitl	District Co.		-21.6		1 0
243	Junout.	2528 421 -582 431		E24	照号 E	49
_ E						1
	tion from.	E 25:		N E	22 注	=
ô	Date and direc-	Si Sim		3	<del>Z</del> <del>Z</del> <del>Z</del>	
53	/ clocity.	12 1-1-		= =	==-	
VELOCITY WIND.	a' tab leadailt	8 28			87	21
111	per hour.	#3 D		**	_	
-	Shorn miles	23 m 23		=	Ξ	
	SENOTED A LOCACIO TO	8878 7		21	87 7	8
	Totation Intoleracional	44 6	ic.	21	10 30 V	-19
	·.)	2 = X = 21-		31	= = =	2.1
7					-9 - 8	
LROM	11.11.			至 。	-	
	11.	FRUE T	*	==-	21등 =	Ξ
WIND	.11.				2177 - 2	
11	3.11.2	mis.		1.5		ন
2	·s	EET9 -:	-	3	-50 0	=
7	8	2.31015 1-1				
MRECTION	S.E.				-5	
52	A 17.5	至61.79 (4)	7	-	-m 12	=
HIL	Е,				210 : 22	
	N.E.	성실=6 x:		<b>3</b>		
	***	용고대용 이 점점	e + ;	=	四十二二四	-
	.X.					
Cman	clonded.	: 00 00 00 : 00 00 00		3	post of a company	21
viatelr	cloud.	1-27			T-	1-
	lean amount of					
1	homidity.					
	Jean relative			:		
To or	Mean teniperatu		. : : . · : <u> </u>	<u> </u>		
	range.	00 - 01 01 01 10 - 01 01 01	99 5	5	20元	9
	Mean daily	5525 ×53	_ 55 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	8 - 8 2 - 8	8 <del>2</del>	Ç.
1	Date.	2125	5 [25 5	និតនិ	88 (8	71
		x-m2 -22:		90==	5 5 7 5	=
날	Lowest	F-33- = 10-	5 <u>=</u> ∞ ±	90 0 0 90 <u>22</u>	2 2	9
TEMPERATURE		51515151 :51=	5 5 5	5335	12점 : :중	20
14	Date.	51515151 (21-)	21 21 21	212121		
Ě		© 10 −1 − 10 ±1			22 2	·
- S	Highest	<u> </u>	9 : E B : 8	20 H		1-
-	Tears observin	Sasa Ea	5 = 20 = 5 00 5 00	- Han	83 5 9 9 9 9	= ====
	from average.	and the second	<b>-</b> A-	三年6	21 E 21-0 10	ē
	9 an 9 a pilot of the	- 4-	n 10 m ==		1 1	
	Mean.	2227 32 2227 32	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	21 p 51	21 <u>-</u> 212	1 0 8 18 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
	Range.	2525		B :	12	×
1	1	bees .			Z	
Pro sst ur	Lon est.	8588 8686 8886		- T	4	Ži
3		BESS	1111	13	8 : : : :	7 A
2	Highest.	AAAA		<b>A</b>	Ā	- 8
-	.boobboa mark	RARR ESTE RARA		SS: 1.257-02, 737-03, 737-02, 737-02, 737-037-03, 737-03, 737-03, 737-03, 737-03, 737-03, 737-03, 737-03, 737-03, 737-030, 737-030, 73	St. 1 St. 85 (St. 185	2
	Mean reduced.			X2 .	- 51	Ā
	level, in feet,	88 8 28	332333	A .	58	181 201 16 30 (6) 20 79 (7)
3 14	Elevation above					
		·MEZulEdia		227	의 구성 등 명	ē
	"Wahmingi of	8988844		555	经有限发标	12
		용도함유약유스	图片部 中華	三部表	ERESE	12
	Z abut tad	2588833	mmedmm	222	88822	21
-			1			
			Sable Island, E. Point Sable Island, M. Station Turrsboro' Wolfville Bridgetown Windsor			
			41			
	Ž.			. :	1	
	0	7 55	I.	WH.	Z III	
	=	: 11	THE S	9 1 1 1	i ji Hiji	
	STATION	Fig. 1. Sept. 1. Sept	47 <u>110 1</u>	ST.	R HEBBE	7 5
	N a	Novv Scorty Habfax. Sydney affenoa Varmouth affeton Port Hastings	Sable Island, Sable Island, Farrsboro, Woffville Bridgetown	P. E. ISLAND Charlottetown., Familton., Summerside	St. John's. Changell Amour Point Manuell Amour Point Point Rich	BERMUDA
		TENERS.	PENERGE .	E E	STATE OF	Pro
1		ラーたって	2. 3	<u> </u>	7. 7.07.7	±
61						

# PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER, &c., DURING FEBRUARY, 1907.

		RAINFALL				٤	5 N () W	FALL		
STATION.	Amount in inches	No, of Days, '01, or Over	Fair	Heaviest Fall in Month	Date	Amount in inches		lleaviest Falf in Month	Date.	REMARKS
BRITISH COLUMBIA-	in.			in.		in.		in.		
Coquitlam Denman Island Goldstream lake Hartley Bay Nanaimo Naas Somas River Victoria, W. Works	1 6°51 7 29 4°88	12 7 15 12 10 6 13 10	16 20 10 13 17 17 17 14 18	2:35 1:45 2:08 2:08 2:40 2:20 1:83 0:95	23 7 8 7 11 24 6	8:0 7:0 17:0 8:0 21:0 9:3 0:5	3 3 2 5 1	8:0 3:0 7:0 8:0 14:0 9:3 0:5	1 18 1 5 7 5 4	17th Fog. Fog 9, 10, 11, 15, 19, 26.
ALBERTA-			1							
Bittern Lake. Bismark. Brnederheim. Beaver Hills, W. Coutts. Conjuring Creek. Clover Bar. Dorenlee Grassy Lake. Heather Brae. Innisfail. Islay. Josephburg			19 25 26 24 21 24 26 27 25 25 27	0.001		6:0 9:0 2:8 8:0 2:0 1:8 2:7	2 3 2 4 4 3 4 2 1 3 3 3	4:5 4:0 3:0 2:0 2:5 5:5 1:5 8:0 2:0 3:2	20 20 6 19 19 5 19 18—19 24 18—19	Aurora 9, 10.
Islay Josephburg Jumping Pound Lacombe Magrath Macleod Morinville Mayton Okotoks Ponoka Saddle Lake Sion Stirling Vermilion Wabamun Bardo	0.32	1 2	27 26 25 22 26 25 26 27 26 27 26 27 26 27 26 27 26 27		8	2.6 5.3 3.0 3.0 1.5 3.0 1.0 2.0 0.3 6.0	23613221122331225	3:0 3:0 3:0 3:0 3:0 1:0 1:0 0:3 2:0 2:0	5 25 26 26 1 28 19 20 26 19 22 20 25	
SASKATCHEWAN—			21			21	1	11	20 21	
Elm How Insinger Last Mountain. Regina			25 26 27 26			4 '0 5 '0 2 0 2 0	3 2 1 2	2:0 5:0 2:0 1:8	1 1 1 1	
MANITOBA										
Cartwright Gretna Norquay Rapid City						3.0	1 2 3 4	1:0 1:0 2:0	1 9 1 1	Aurora 6, 7, 9, 11, 13, 15, 20, 23. Aurora 6, 7, 8, 9, 12, 13.
ONTARIO-								4.0	10	
Arden. Aurora. (roydon Deer Park Emsdale Dutton Goderich Georgetown Huntsville Lansdowne. Midland. Montague. MaeCue. Orangeville Princeton Parma Strathroy Sunnyside. Sydenham Westport Wiarton Wyoming. Westminster.	0.21 0.12 0.45 0.79 0.20	1	16 17 25 21 28 21 20 20 20 20 20 20 21 20 21 21 24 24 25 26 27 26 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	0.27 0.21 0.40 0.15 0.21 0.42 0.50 0.70 0.20	2 18 18 19 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	21.0 9.6 9.0 7.7 16.0 5.0 7.5 8.4 13.5 5.0 21.0 8.0 7.0 1.5 1.5 1.2 1.5 1.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	10 10 3 7 10 5 6 6 6 20 7 3 10 4 4 5 9 7 13 8 8 8 3 3 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16 20 24 24 24 27 17 17 14 15 15 21 25 16 15 20 21 21 22 21 22 21 22 21 22 21 22 21 22 21 22 21 22 21 21	Aurora fl, 11.
NEW BRUNSWICK— Point Esenminae	0.50	2	11	0:50	23	28.9	15	9.2	25-26	

# PROPORTION OF BUIGHT SUNSHINE REGISTERED IN EACH HOUR OF THE DAY DURING WHICH THE SUN WAS ABOVE THE HORIZON IN THE MONTH OF FEBRUARY 19.7

	House Ending															
	. a. m.	F. Sh. William	F 61. 211.	_ ' a. m.	9 a. m.	lu n. m.	H at Hi	/mm]		. P. III.	7 h. m	I p til.	. <u> </u>	h p u.	-	× 100
Victoria				0.04	0.49	0.21	H 25	0.33	и, б	0.11	0.13	H _51	0.10			
Nanktino				() 1)	0.19	н Ри	11 25	0.37	0.31	(0.35)	0.42	0.30	0.05			
V\$3,8~~17				(1-11-1	0.21	0.33	{4 "}f"	0.33	0.33	0.33	0.33	0.37	0.10			
Kamloops				0.16	0.11	0.23	0.29	0.29	0.30	0.33	13 (21)	0.07	0.04			
Battleford				0.18	0.43	11-25	0.65	1) (2)	11.130	or gr	0.59	0.43	() (P3)			
t ilgary												[				
Medicine Hat			0.00	0.31	0.46	0.76	0.65	0.65	0.65	0.5%	0.76	0.29	~			
Edmonton				0.06	0.31	0.43	0.50	0.03	0.73	0.71	0.424	() ,25	0.11			
Indian Head				D III	0.33	0.60	0.61	II the	((-{})	0.02	() 195	1) 191	0103			
Brandon				0.08	0.51	0.62	0.79	0.73	(%)	0.66	0.62	0.50	(=49,			
Winnipeg			0.01	0.11	() (%)	0182	():5(1	0.81	0.76,	0.78	0.75	0.70	0.1%			
Woodstock				0.105	0.51	0.41	0.41	0.48	0.35	0.11	0041	0:33	0.21			
Toronto.				0.05	0.35	0.44	(F) [5	0.48	0.18	0.46	0.53	0.45	0.31	0.07		
Lindsay.				0.16	0135	0.41	0.11	0.42	0146	0.48	0150	0.53	0.47	0/21		
Barrie .			8	0.53	0.40	0.41	0.40	0.48	0.45	0147	0149	0.42	0.11			
Gravenhurst				0.18	0.43	0.12	0.47	0.54	0.55	0.18	0.18	0.51	0.45	0.16		
Hadeybury			s	0.53	0.45	0.51	0.3	0.55	0.55	0.52	0°54	0.44	0.48			
Kingston			0.05	0.55	0:43	0.48	0.50	0.53	$W_{ij}(t)$	н 51	0.25	0.41	0.22			
Ottawa .	- 7		100	0.17	0.39	0.11	0.53	IF BO	0.47	0.42	0.36	0.45	0.26			
Montreal				0.00	() 1913 () 1913	0 37	0:40	0045	H:50	0145	0.45	0.55	0.06.			
Sherbrooke			0.01	0.16	0.32	0.39	0.35	0.58	H BH	0.21	0.51	(E-135)	0.25	0.01		
Quebec				0.09	0126	0.13	0.18	0:51	0.5]-	0%1	0.35	0.13	0.15			
Fredericton				0119	0.30	0.36	0.50	0.58	0.63	0150	0.25	0.45	0.31	() ( <u>P3</u>		
Charlottetown.			0.01	0.13	0135	0.41	0 39	0152	0.49	11.52	9151	16-16	0.30	0.03		

-	Victoria.	Namimo.	/Kassiz	Kamboops.	Butterford.	Medicine Hat.	Edmonton.		Brandon.	Winnipeg.	Woodstock.	Toronto.	Lindsay	the state of the s	Gravenhur t.	Haileybury.	Kingston.	Ottawa.	Montreal.	Sherbrooke	Quebec.	Fredericton	Charlottetw'n
Mean proportion for month Constant sunshine being 1		11 25	0 27	0.50	0:48	0147	0. <b>1</b> 9	0 15	0153	0166	0.33	0-10	0.32	0.37	0 45	0.43	0.11	01, 10	(+35)	+ 11 +	+ 37	0-43-0	11
Difference from average.	01	*(1	+ 05	3	(1)			lo lo	- (4)	+ 18	4 (3	- H	1115	+ 161			i es	. 117	Ιώ			(30)	
Maximum daily amount.	0187	(j. %#	0.81	0:61	() (0)	0157	0.44	0.76	0.88	0.94	() (30)	0.88	brbs	0.1#1	1 (10)	0.88	0.02	0.86	1 1011	) 1ka (	1 %	0.33.0	101
Date	Ju	13	16	3	13	25	23	- 11	G	211	27	- 2-2	27	27	12.3	17	* P- S ** ~	23	22 23	26	1	5	28
No. of days clouded		10	13	10	2	5	1	1	-1	13 m	10	6	10	8	7	11	8	*	11	6	*	9	`

<sup>\*</sup> and on 21 25

Aurora recorded:

- Where the class of aurora is noted by the observer, it is given, (I) being the brightest, (IV) the feeblest in brilliancy.
  - 2. Whitehorse, III; Banff, IV.
  - 4. Whitehorse, II.
  - 5. Whitehorse, II; Insinger, IV.
- 6. Gravenhurst, IV; Renfrew, IV; Ursa, Cottam, Calvin, Kenora, IV; Chaplin, IV; Alameda, Aweme, III; Georgetown, IV; Cartwright, III; Whitehorse, II; Insinger, IV; Grayhill, IV; Hillsdown, IV; Foxleigh.
- 7. Truro, II; Gravenhurst, II; Grand Manan, IV; Fredericton, I; Cottam, Birnam, IV; Beatrice, IV; Kenora, IV; Lucknow, III; Chaplin, IV; Cartwright, I; Rapid City, Paspebiae, II; St. Stephens, Insinger, IV; Alameda, IV; Moose Jaw, Hillsdown, IV; Minnedosa, III; Port Stanley, III; Sonthampton, IV; St. John, IV; Charlottetown, IV; Sydney, I; Qu'Appelle, IV; Foxleigh.
- 8. Cottam, Chaplin, IV; Aweme, I; Rapid City, Paspebiac, Chicoutimi, I; St. Stephen, Whitehorse, II; Big Creek, III; Insinger, III; Alameda, II; Waitefield, III; Gray Hills, IV; Swift Current, IV; St. John, IV; Banff, IV; Qu'Appelle, IV; Foxleigh.
- 9. Truro, I; Chaplin, I; Carberry, Aweme, I; Treherne, Point Escuminae, III; Cartwright, II; Rapid City, Whitehorse, II; Insinger, I; Grenfell, I; Beaver Hills W., I; Threehills Creek, I; Waitefield, II; Gray Hill, IV; Edmonton, II; Minnedosa, I; Charlottetown, IV; Banff, III; Qu'Appelle, IV; Foxleigh.
- 10. Birnam, III; Macleod, III; Chaplin, IV; Whitehorse, III; Beaver Hills, IV; Waitefield, II; Gray Hill, IV; Winnipeg, III; Foxleigh.
- 11. Truro, III: Gravenhurst, I; Renfrew, IV; Grand Manan, IV; Madoc, I; Ursa, Brantford, IV; Barrie, III; Copper Cliff, Alton, II: Maeleod, Chaplin, I: Aweme, II: Treherne, Emsdale, II; Georgetown, III; Huntsville, I; Cartwright, IV; Whitehorse, II; Insinger, III; Threehills Creek, IV; Waitefield, II; Gray Hill, Toronto, IV; White River, II; Foxleigh.
- 12. Sutton, W., Chaplin, I; Aweme, II; Whitehorse, II; Insinger, III; Waitefield, II; Gray Hill IV; Minnedosa, III; Qu'Appelle, Foxleigh.
- 13. Chaplin, I; Aweme, III; Treherne, Cartwright, II; Whitehorse, III; Big Creek, Insinger, IV; Pakan, Waitefield, IV; Gray Hill, III; Banff, IV; Qu'Appelle, IV; Foxleigh.
- 14. Gravenhurst, II; Renfrew, III; St. Peters (Sask.), Bruce Mines. II; Copper Cliff, Alton, III; Haliburton, Almasippi, Chaplin, I; Aweme, IV; Georgetown, IV; Huntsville, III; Whitehor.e, III; Threehills Creek, IV; Waitefield, II; Gray Hill, III; Edmonton, II; Swift Current, Minnedosa, I; Medicine Hat, I: Battleford, I; Banff, II; Qu'Appelle, Foxleigh.
- 15. Cottam, Kenora, II; Sutton, W., Chaplin, IV; Aweme, I; Cartwright, IV; Chicontimi, Whitehorse, I; Insinger, IV; Threehills Creek, IV; Waitefield, IV; Swift Current, IV; Minnedosa, I; Battleford, III; Qu'Appelle, IV; Winnipeg, III; Foxleigh.
  - 16. Chicoutimi. Whitehorse, III; Edmonton, IV; Minnedosa, I; Qu'Appelle, III; Foxleigh.
  - 17. Chicoutimi, Whitehorse, I; Minnedosa, II.
  - 18. Chicoutimi, Whitehorse, II.
  - 19. Kenora, IV; Aweme, III; Whitehorse, I; Insinger, IV; Minnedosa, IV; Alton, IV.
  - 19. Cartwright, IV; Whitehorse, Grenfell, II.
  - 21. Coekburn Island, Whitehorse, Minnedosa, IV.
  - 22. Conrad (brilliant), Edmonton, IV.
  - 23. Cartwright, II; Whitehorse, I; Insinger, IV; Pakan, IV; Waitefield, III; Gray Hill, IV.
  - 24. Whitehorse, II; Edmonton, IV; Minnedosa, III; Atlin, IV.
  - 25. Whitehorse, II; Pakan, III.
  - 26. Whitehorse, II.

### FORECASTS FOR FEBRUARY, 1907.

The forecasts is und by this office at 11 p.m. each night, are posted up at every telegraph station in Canada, and are for the 24 hours beginning at 8 a.m. the following day.

The number of predictions issued during the month was 1131. These were divided as follows :=

		No.	Vernfied.								
DISTRICT,		leared.	No.	No.	No.	Per					
			Fully	Parily	Not	centage,					
Alberta		77	(3);	€,	5	80.6					
Saskatchewan		77	66		3	90.9					
Manitoba	1	77	(3)	5	3	562 %					
Lake Superior		5)	G7	13	a	81.5					
Lower Lake Region		102	78	19	5	85.8					
Georgian Bay		103	74	19	10	81.1					
Ottawa Valley,		88	€ia	12	9	82.9					
Upper St. Lawrence	•	89	€ <del>;</del>	15	ī	43.7					
Lower St. Lawrence		102	81	16	òr	87. 2					
Gulf.		10%	79	19	1	41.3					
Maritime Provinces, West		113	91	11	11	85-1					
Maritime Provinces, East,		116	91	13	12	84-1					
Total		1131	NAS.	156	79	%i 1					

In order to obtain the percentage of verification of the predictions, the number partly verified is divided by two and added to the number fully verified, and the result divided by the total number issued.

In ascertaining to what extent the predictions have been verified, the reports from the agents at all observing stations, as well as the telegraphic reports, are used.

		R. F. STUPART,
Meteorological Office. Toronto,	1	Director.
27th March, 1907.	Š	

# DEPARTMENT OF MARINE AND FISHERIES, CANADA.

METEOROLOGICAL SERVICE.

# Monthly Edleathen

Review.

VOL. XXXI.

### INTRODUCTION.

MARCH, 1907.

In compiling the present Review the principal data made use of are the telegraphic reports of observations received at this office for the purpose of weather forecasting, and reports by mail from voluntary observers and storm signal agents. For the material used in tracing the paths of areas of high and low pressure in the United States, we are indebted to the Chief of the Weather Burgan. Washington, D.C.

### REMARKS UPON THE WEATHER.

The weather in British Columbia was somewhat colder than usual and temperatures below the freezing point occurred almost every night over the upper mainland and quite frequently over the lower mainland and islands. During the first two or three days of the month dull weather prevailed over the Upper Mainland and Islands with occasional rain or snow after which it was mostly fair to the 19th when unsettled weather again set in and precipitation was somewhat frequent, excepting from the 23rd to 26th when it was fair. Over the Upper Mainland rain and snow occurred in most districts on or about the 2nd and 11th, also frequently from the 13th to 24th and 29th to 31st. The proportion of bright sunshine exceeded the average, but there was little growth during the month and vegetation was quite backward.

In the Western Provinces the weather, though frequently quite cold at night, was comparatively mild during day throughout the greater portion of the month. After the 18th temperatures between 40° and 50° were recorded upon several days at may places, the latter figure also being exceeded quite locally on or about the 22nd and 23rd. Dull weather with local falls of snow occurred on the 1st and 2nd, and quite fine weather was recorded from the 3rd to 8th; after which light falls of rain or snow were somewhat frequent and continued to the 14th. There was also falls of snow on or about the 18th, 24th and 31st. During the intervening periods there was much fine weather and the mean proportion of bright sunshine exceeded the average. On the 31st the snow had gone in southern Alberta, and elsewhere the ground was almost bare.

The weather in Manitoba, like that in Saskatchewan, though comparatively mild during the day was quite cold at night, the temperature frequently falling well below zero. From the 20th to 31st 40° was occasionally exceeded at many places. The precipitation, which included some rain on the 21st and 24th and which was recorded on or about the 1st, 4th, 6th, 11th, 14th to 18th, 21st and 24th to 27th was excessive. During the intervening periods the weather was mostly fair, and in the western portion of the province there was much bright sunshine. On the 31st the depth of snow on the ground varied between a mere trace and eight inches.

In Ontario the weather was unusually mild the temperature frequently rising above 10° at most places and occasionally above 60° at some stations after the 21st. From the 9th to 21st there was much fine weather but the mean proportion of bright sunshine was below the average. The precipitation which was heavy in south-western districts and in Muskoka, and which was accompanied during the last week by thunderstorms, occurred in most localities between the 1st and 6th, also on or about the 12th, 14th, 17th and occasionally during the last week. At the close of the month the ground was bare in the southwestern portion of the province, but in more northerly districts the ground was still well covered. Some signs of quickening vegetation were noticeable during last week.

The weather in the Province of Quebec was somewhat milder than usual excepting in the extreme eastern portion where on the contrary the mean temperature in most districts was slightly below the average. In the western portion of the Province the temperature occasionally rose above  $40^{\circ}$  after the 10th and 50° was exceeded during this period. During the first half of the month comparatively fine weather prevailed, but during the second half the sky was mostly overcast. The chief precipitation occurred on or about the 2nd, 5th, 9th and occasionally after the 14th. Rain was recorded at many

places during the last week and this somewhat affected the snow upon the ground, nevertheless, the depth on the 31st at Quebec was twenty-five inches.

The weather in New Brunswick was quite cold during the first ten or eleven days, the temperature occasionally falling below zero. After the 11th temperatures above 32 were generally recorded, and 40 was also exceeded on several dates, more especially after the 21st. On the 29th and 30th between 50 and 55 was noted at some stations. Fine bright weather prevailed and the precipitation which occurred chiefly on or about the 2nd, 14th, 15th, 17th and 20th, was quite light in the aggregate. The depth of snow on the ground on the 31st varied between 24 inches in northern districts and 3 inches in the southern portion.

In Nova Scotia the weather was quite cold, and although it was comparatively mild during the day after the 12th when the temperature occasionally rose above 40°, the nights were generally cold. Dull weather prevailed, but the precipitation which was recorded on or about the 3rd, 15th, 16th, 17th, 20th and 28th, was in the aggregate considerably less than the average at most places. Several severe snowstorms were recorded, but on the 31st the ground was almost bare in southern districts.

The weather in Prince Edward Island was unusually cold and stormy during the first half of the month and the temperature fell below zero almost daily from the 1st to 6th. After the 15th milder weather prevailed and there were several heavy falls of rain. Some exceedingly fine weather occurred between the 8th and 12th and 24th and 27th; and the precipitation which was deficient was recorded at most places on or about the 3rd, 6th, 13th, 17th, 20th, 23rd, and 29th. At the close of the month the ground was almost bare.—F. F. PANNE.

### ATMOSPHERIC PRESSURE.

Subnormal values of the mean atmospheric pressure for March occured from the Pacific Coast to and including New Ontario; elsewhere in Canada values were supernormal. The extremes of departure from normal were—0.19 of an inch at Battleford, Sask, and = 0.10 of an inch at Yarmouth, N. S.

### HIGH AREAS.

Twelve areas of high barometric pressure were charted during the month and the greater number exhibited as much energy as did the systems in February.

The general course of the areas was from the far north-western portion of the continent, southeastward across the Lake Region to the Atlantic.

Eight systems moved into the field of observation in the Yukon Territory, two over the Middle Pacific States and two apparently developed over the Middle Rocky Mount in slope.

Some very severe cold periods were experienced in most districts during the passage of the more pronounced of the systems.

### LOW AREAS.

Sixteen areas of low pressure were charted during the month, all but one first appearing either over the western or north-western portion of the continent. Three of the systems passed from the far northern Alaskan coasts southeastward into the Canadian western provinces and two others moved into the continent well to the northward on the British Columbian coast. Many of the areas were very energetic and widespread and not infrequently showed two or more foci. The great storm developments which so often occurred after the areas had left the Middle Atlantic or New England States as they passed either over or a little to the southward of the Maritime Provinces and thence across Newfound-land were quite remarkable, the type recurring with much persistency.

### WINDS.

In British Columbia on Vancouver Island and over the mainland the direction was variable but slightly favouring the south and west with ten days with strong and ten with fresh breezes and two gales.

In Alberta and Saskatchewan the direction was variable with ten days with strong and twelve with fresh breezes and three gales.

In Manitoba the direction although more or less variable inclined somewhat to the north and west with six days with strong and twelve with fresh breezes and six gales the latter as a rule of a very moderate type.

In the Lake Region the westerly direction slightly predominated with twelve days with strong and seven with fresh breezes and six gales.

In the Ottawa and upper St. Lawrence valleys the south and west directions were most in evidence with thirteen days with strong and eight with fresh breezes and four gales.

In the Lower St. Lawrence Valley and the Gulf the direction although often variable favoured to a certain extent the north and west with eleven days with strong and eight with fresh breezes and four gales.

In the Maritime Provinces the direction was variable, the easterly being quite frequent, with five days with strong and sixteen with fresh breezes and five gales.

The gales in the Maritime Provinces occurred on the 2nd. 7th, 12th, 17th, and on the 20th, the latter being of great violence attended by a heavy snowfall. The storm on the 7th was likewise very severe in the eastern portions of Nova Scotia. Warnings were duly issued for the five storms, but a warning for a moderate storm issued on the 23rd was not subsequently justified by dangerous winds except very locally.

### TEMPERATURE.

The temperature was below the average in British Columbia and the northern portion of Alberta, locally slightly below in Saskatchewan, average or a little below in eastern Quebec, and below the average in the Maritime Provinces. Elsewhere in the Dominion it was above the average. The chief negative departures occurred in the northern portions of British Columbia and Alberta and in Prince Edward Island and Cape Breton, and amounted to from 4 to 5 degrees. The most marked positive departures were, Manitoba from 4 to 5 degrees and the greater portion of Ontario from 4 to 8 degrees.

The Highest and Lowest temperatures in each Province during March, 1907, were:

British Columbia,	68°	·1 on 9th at Alberni, —24° ·0 on 19th at Atlin.
Alberta,	640	·0 on 31st at Medicine Hat, -23° ·5 on 12th at Kneehill.
Saskatchewan,		on 22nd at Lemberg, —23° 4 on 1st at Lloydminster.
Manitoba,	50°	·0 on 22nd at Oakdale Park, —22° ·0 on 5th at Carberry.
Ontario,	750	$\cdot 0$ on 22nd at Cottam, $-28^{\circ} \cdot 0$ on 1st at Rockliffe.
Quebec,	57	·0 on 28th at Brome, —31° ·0 on 4th at Abitibi.
New Brunswick,	56°	5 on 30th at St. Stephen, -34° 0 on 1st at Woodstock.
Nova Scotia,	57°	·0 on 31st at Wolfville, — 9° ·0 on 5th at Parrsboro.
Prince Edward Island.	440	5 on 29th at Charlottetown, - 14° 0 on 5th at Summerside.

### PRECIPITATION.

The precipitation was deficient throughout the greater portion of Canada. In Manit da the amount recorded was generally in excess of the average, as was also the case in the Georgian Bay Region and New Ontario. In all the Provinces, except New Brunswick and Prince Edward Island, some local exceptions to the general conditions were noted.

### DEPTH OF SNOW.

In the southern portions of British Columbia, the extreme south-western portion of the Maritime Provinces, and in the Peninsula of Ontario the ground was generally bare of snow at the close of the month, but over a large portion of the Dominion there was still a considerable covering. Cariboo reports as much as 68 inches on the lower levels and far greater depths on the mountains; Alberta, from a trace in southern localities to 9 inches in northern; Saskatchewan, from 4 to 10 inches; Manitoba, from a trace to 8 inches. The northern portions of Ontario from 2 to 9 inches. Quebec from 6 to over 24 inches, and the Maritime Provinces as much as 24 inches in northern districts.

### THICKNESS OF ICE.

By the close of the month the ice had either broken up or become very rotten in many portions of Ontario, elsewhere it was reported as follows: Edmonton, Battleford and Swift Current, 30 inches; Medicine Hat, 8 inches; White River, 21 inches: Bruce Mines. 22 inches: Ottawa, 10 inches; Chatham, N.B., 22 inches; Sydney, 24 inches; Charlottetown, 15 inches.

### BRIGHT SUNSHINE.

A supernormal value of the Bright Sunshine for March was recorded in British Columbia, Southern Saskatchewan, Manitoba and also locally in Eastern Ontario, elsewhere in Canada the amount registered was subnormal. The extremes of departure from average were + 9% at Victoria, B.C. and Man., and —11% at Battleford, Sask.

The maximum daily amount was 97% on the 20th at Lindsay, Ont.

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA MARCH, 1907

a batometer not reduced to Sea Level. Static os not to rinshed with Rich terms Tocamon

				3							-					100
			= =	0 0	00000			7-0	10-					0 T D		0 70 2
			5 -		777			ri r.		E= 1	-	9551	2, 7 4, 7, 7,	ILEE		999
	1	District Co.										7582	11-25-11	11-11-		C C /
			8.		3218					73-	31		ERALE	38=3		三路四
	-		4 =					2-5				7	= 3	4 =		202
		a) hallel	~ 1									-		-		
	3		, E		-797-		=	5,4	, == =	-1 1-	1	그도함은	84987	동목욕심		四文字
	-	, ,	war .		1		-		_1	1-1-	-	0.711-71				==-
									7							
	-	1 1 1019 114							21							
	_ =	.(h. 0 );							3							
	0 11 W	11 ( ]= + [ ]]														
	1 2 2	1 01 1)														
		Ment in e														
-		D. Olivertie di		3	3 5			To 1	AE A			8	2	984		잗
-		Total name		_	**			== :	9 4 3			2.1	_	2 22 4		<del></del>
	7.	΄, )						-= :	ng -			_	ā	12 711-		
	1.101	N.W.			_											
		11.		2									=	© ₩ 71		=
1141	WIND			=	22			010 5	<u>-</u> /			22	23	2120		20
	OF W	:11.0		- 5	8 1.			== 5	20 2 2			=	_			E
					_			_								
=	DHEETON	4.~		~3	7			712	71- 25			5.	21	222		1-
-	1313	11			= =				-			=	=	922		=
	=======================================			,	= 4			20 -	- 21			La	_			=
=		7.16.										71				min on th
Ž.		1.		,	r =			= 5	Λ = <b>-</b>					<u>A</u> = =		
=		'papno		-				54	- =			2.	rt	va va		,=
r	3 11360	Vo. of days comp		-	- C			-					o .	22.00		
		Mer t aim an of														
Ξ		Mean relative							ĵ			7				
5		dewpoint.														
=	11.07	Manier II	1-4	1 1-	1 1 4 5.	71		1 1 7 1 - 3			m	= 5.795	1-00	2-22		⊊ 21.21
7.		rarge.	315			=		워드류다.		<u>L37</u>	53		25252			548
		Date.	21 4	3 E	/1222	21	- 1- :	2221	211111	-112	7.1	동조리크	25,025	1521		455
		-		= =	=====	=				===	-	==m=	e évolence	1-1-1-5		202
	~	Lowest	7171						รติกษาส		77		27222	2222		高二高
-	-		2.5	£ 5	E8E/E		1- ====================================	55457	1557	S=2	2	로스타로	REMER	55555		-20
7.	1111	.else(I						71								
-	Ē	ा- व्यक्ता	44	0 0 3 2	55244	1 -			141/1		1		* = = = = = = = = = = = = = = = = = = =	1215275		488
	-	7, 11 = [0 = 110]	26		===:	2.				10 - 6	三	231-22-		-282		
		गप्रा 14 MOTI	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		15 T1 20 20 T1 E		1121	.1 5			21	27 -	2 23	= -		
-		1 10														
		Mean	- 0 E	= 11 = 12 = 13	2785E	4	3 / S	enn ti Garai	11/11/ 12248	第21日	- 51	21 × 21 -	nnnı-n RLRAR	828A		21 / 21 2) 21 m
-																
O DALLOTTICATED TO		Вапке	11.	Li	2			2	9 =			15		23		77
	7	Lowest			I			73	1 7			5	ž	_ = = = = =		=
	12111	,		<u>\$1</u>	5			$\overline{\mathcal{K}}_1$	20 12 24 12 13 13 13 13 13 13 13 13 13 13 13 13 13			51	6.	88		36
	11.1	.14э4ы.Н	Ė	-	5			71	- F					55		
	1000			11 C S (8)	2			日本をできる	1 1 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1			20 At 20 At 32 At 7	-	5.5 7.7		180 S 80 60 60 50 60 18 1
		Mean nast.	i	Ā	$\vec{\epsilon}_1$			z)	$\vec{x}_i = \vec{x}_i$				fi	节节		$Z_1$
		10 K 10 K 104	돌의	2=	S \$575	jā.	250	<u>E</u> 3	A BAR	245	SER.	異なる基準	1287 1288	2 <u>B</u>		86
		the nin rafil		885		124	트립语 트립语		HATE			SEPE	29803	2 2 7 11		20
		W sharingao.	88 55		2022223		明世生	E. A. E. E.	en a six	on Time [단국관]		크라프다	1212	1 555		1 138 30 15 135 0
		-	=======================================		1321213		#### #### ####	=5.74	9 5 5 2 2	E 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		22222	825-	# # # # # # # # # # # # # # # # # # #		- :
		N abuttual			2444888		直气压					8888E	西居居里田			23
	-		100						00 1 , we on		***		1 T 1 T 1 T 1 NOT 10	and the		2.5
										_						
		/.	Ŧ						= 7	- 7		=	. 24	÷		
		STATION	2				-					10	A Eligibility	Lpu Lpu		= =
		∀.	Ē	1 11	-4853	1	110	. = =	3117	-11:	=	10年10日	35453	E L		Ior
		æ	H IN	Chalman Chari Sarkervilla Sella Cook	ulbon Elektronk Elektronk	April 2000	TEE:		1	音を書	7. 1. 2	12472		Zonibalem Setoria. Anconver	7	Son
			BRITISH COLUMBIA Alberni Agas-iz	Aller Sarkersilk	Sullion Sunffeld Oddstream Fill wack	1859	ika en inden	Kitamion (Kitamion)	Available  // Available // Available // Available // Available // Available	Nickel Plate Okutogan Wission		Port Essington Gre nelle Revelsinke Rivers Inlet. Rossland	Struct & Lake, Schnen Arm Spence & Bridge Tobacco Phins	Tzonhalem Victoria, &Vanconver, Winter Harbor	YUKON	Conrad a Dawson White Horse
			¥ 44		III.		0101	-1212-7	:////	1./ ::		. 5422	1. 7. 7. 7. + <del>-</del>		YU	-2-

		29	*	
*****	00 210'0000	05 8 0 0000	-== =======	030 0 0 0000
	100 1000000		coo ittooco	
53500 50 F00000000	<u> </u>		200 00-0-00	
	- : : : : : : : : : : : : : : : : : : :	### ( ) 12 #### #############################		등 원 원 성성은 
. E & & & & . E &		T88. 8 88 8 8	동 목동리 월류	
				S
				4
2573: 2783: 28: 3888B	ाड खिल्लास्थ्रवेह	48 : 1 : 1夏 43夏 - 高 - 夏	19 23 3 3 ž	8 8 288
			+ + + + + + + + + + + + + + + + + + +	- 0 20-
			,	
		- [명 : : : : : : : : : : : : : : : : : :	<u> </u>	<u> </u>
a : 12 : 17 : 1 : 1 : 20 :	: : : : . <b>=</b> : : : :	9 0 0 00 -	2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ent 1
1.0 14 1 1 1 1 2 1 X - 1	0 0 0 0000 0 0	0	0 <u>9</u> 1- <u>9</u> 2	* . · · · · · · · · · · · · · · · · · ·
191 - 189 199 119	::::::::::::::::::::::::::::::::::::::	ුලු ද ු වූ ද හ <u>  සුතු ය</u>	× .5 :	the second secon
Sc   42   121   120   1   20   2	1 1 1 1 1 1 1 1 1 1	21 21 22 22 22 22		L. L
				<u> </u>
		F 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	x	- 1 m-1
- 1 2 1 2 1 2 1 2 1 2 2	::::: <del>-</del> ::::	- : : : = · · · · · · · · · · · · · · · ·	71 <u>C</u> (0.21 : 122 : :	N : :
			- [H ] [ [ D 0 ] [ - ]	200
	21		n = 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	<u> </u>
			m n	21
		:° : : : : : : : : : : : : : : : : : :	= = = = = = = = = = = = = = = = = = =	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
				<u></u>
515-X5 95 95-715595-55			50	C 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	B 88558#B	프랑 또 이 프랑 프 링	28.22 28.21 - 28.21 - 28.22 28	1-83 o 1 0-189 1-83 o
**************************************	8x 2x-885 28 8822943	25 2 3 25 2 3 2 3 2 3 2 3 2 3	888 8828888 - 8 8	<u> </u>
######################################	28 8856882 98 22-882 2	28 2 3 25 2 3 28 2 3 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3	885 8828525	28.0 28.0 28.0 28.0 28.0 28.0 28.0 28.0
75000 35 993×84-5999 0x4-2x 00 0000 0000 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	28 8845882 88 281 882 20 000000 20 0000000	13.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18	2000 2000 2000 2000 2000 2000 2000 200	17.3 17.3 17.3 18.4 17.0 18.4 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0
######################################	28 8845882 88 281 882 20 000000 20 0000000	22 - 13.9 23 - 24.0 24 - 18.0 25 - 24.0 26 - 18.0 27 - 18.0 28 - 18.0 29 - 18.0 20 - 18.0 20 - 18.0 20 - 18.0 20 - 18.0 21 - 18.0 22 - 24.0 23 - 24.0 24 - 25.0 25 - 26.0 26 - 26.0 27 - 27.0 28 - 28.0 28 - 28.0	#### \$555 555 555 555 555 555 555 555 55	23   17.0   18.2   18.2   18.2   17.0   18.2   18.2   18.2   18.2   18.3
######################################	10   10   10   10   10   10   10   10	22 - 23.0 23 - 23.0 24 - 25.0 25 - 25.0 26 - 25.0 27 - 25.0 28 - 25.0	### ##################################	82.0 21 -31 13 21 14.0 23 17.0 1626 182 17.0 1626 182 17.0 1626 182 17.0 182 18.0 18.3 18.0 18.3 18.0 18.3 18.0 18.3 18.0 18.3 18.0 18.3 18.0 18.3 18.3 18.3 18.3 18.3 18.3 18.3 18.3
######################################	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 - 23.0 23 - 23.0 24 - 25.0 25 - 25.0 26 - 25.0 27 - 25.0 28 - 25.0	######################################	82.0 21 -31 13 21 14.0 23 17.0 1626 182 17.0 1626 182 17.0 1626 182 17.0 182 18.0 18.3 18.0 18.3 18.0 18.3 18.0 18.3 18.0 18.3 18.0 18.3 18.0 18.3 18.3 18.3 18.3 18.3 18.3 18.3 18.3
######################################	0 1 12 19 0 20 31	22 - 23.0 23 - 23.0 24 - 25.0 25 - 25.0 26 - 25.0 27 - 25.0 28 - 25.0	######################################	82.0 21 -31 13 21 14.0 23 17.0 1626 182 17.0 1626 182 17.0 1626 182 17.0 182 18.0 18.3 18.0 18.3 18.0 18.3 18.0 18.3 18.0 18.3 18.0 18.3 18.0 18.3 18.3 18.3 18.3 18.3 18.3 18.3 18.3
11. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	+ 0-112 (80.0 mm) + 10-112 (81.0	+ 0.2 ii 38.0 21 - 13.0 ii 319 + 0.2 ii 38.0 23 - 22.0 ii 3 ii 6 - 4.0 23 ii 20 33 - 16 0 29 22 - 5 10 23 ii 20 33 - 16 0 29 22 - 6 10 24 0 20 - 10 30 30 + 1.3 i5 44 0 29 - 10 0 30 + 1.3 i5 44 0 29 - 10 0 30 + 3.1 ix 44 0 20 - 10 0 30 + 3.1 ix 44 0 20 - 10 0 30	153.50   1	+ 1 118 46.7 23 8.0 7 18 4 1 118 46.7 23 17.0 16 26 20 20 20 20 20 20 20 20 20 20 20 20 20
######################################	+ 0-112 (80.0 mm) + 10-112 (81.0	+ 0.2 13 38 0 21 -13 0 34 21 4 0 2 13 38 0 23 -22 0 13 16 16 17 16 17 17 17 17 17 17 17 17 17 17 17 17 17	125/10   1	82.0 21 -31 13 21 14.0 23 17.0 1626 182 17.0 1626 182 17.0 1626 182 17.0 182 18.0 18.3 18.0 18.3 18.0 18.3 18.0 18.3 18.0 18.3 18.0 18.3 18.0 18.3 18.3 18.3 18.3 18.3 18.3 18.3 18.3
12   12   13   14   15   15   15   15   15   15   15	25.8 + 0.12 19.0 20.31 - 0.112 25.19 21.0 3 62.0 10.16 5.0 83.0 11.2 5.15 0 10.15 0 12.56 13.0 5.10 27 20.0 12.57 14.6 5.10 28 20.0 12.77 16.7 6.10 19.5 20.55 16.6 7 10.0 19.3 20.57 17.0 19.3 20.57 18.0 20.31 18.0 20.31 18.0 20.31 18.0 20.31 18.0 20.31 18.0 3.0 20.31 18.0 3.0 20.31 18.0 3.0 20.31 18.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	14.6   -	100   100	18.3
12   12   13   14   15   15   15   15   15   15   15	25.8 + 0.12 19.0 20.31 - 0.112 25.19 21.0 3 62.0 10.16 5.0 83.0 11.2 5.15 0 10.15 0 12.56 13.0 5.10 27 20.0 12.57 14.6 5.10 28 20.0 12.77 16.7 6.10 19.5 20.55 16.6 7 10.0 19.3 20.57 17.0 19.3 20.57 18.0 20.31 18.0 20.31 18.0 20.31 18.0 20.31 18.0 20.31 18.0 3.0 20.31 18.0 3.0 20.31 18.0 3.0 20.31 18.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	14.6   -	100   100	18.3
12   12   13   14   15   15   15   15   15   15   15	25.8 + 0.12 19.0 20.31 - 0.112 25.19 21.0 3 62.0 10.16 5.0 83.0 11.2 5.15 0 10.15 0 12.56 13.0 5.10 27 20.0 12.57 14.6 5.10 28 20.0 12.77 16.7 6.10 19.5 20.55 16.6 7 10.0 19.3 20.57 17.0 19.3 20.57 18.0 20.31 18.0 20.31 18.0 20.31 18.0 20.31 18.0 20.31 18.0 3.0 20.31 18.0 3.0 20.31 18.0 3.0 20.31 18.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	14.6   -	1876   1877   1878   1878   1878   1878   1879	N
21.73 (1.73	25.8 + 0.12 19.0 20.31 - 0.112 25.19 21.0 3 62.0 10.16 5.0 83.0 11.2 5.15 0 10.15 0 12.56 13.0 5.10 27 20.0 12.57 14.6 5.10 28 20.0 12.77 16.7 6.10 19.5 20.55 16.6 7 10.0 19.3 20.57 17.0 19.3 20.57 18.0 20.31 18.0 20.31 18.0 20.31 18.0 20.31 18.0 20.31 18.0 3.0 20.31 18.0 3.0 20.31 18.0 3.0 20.31 18.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	29.35 (0.36) 11.0   1.1	666 — 1379 9 28 - 287 1 128 1 128 1 129 1 129 - 287 1 129 1	N
21.73 (1.73	25.8 + 0.12 19.0 20.31 - 0.112 25.19 21.0 3 62.0 10.16 5.0 83.0 11.2 5.15 0 10.15 0 12.56 13.0 5.10 27 20.0 12.57 14.6 5.10 28 20.0 12.77 16.7 6.10 19.5 20.55 16.6 7 10.0 19.3 20.57 17.0 19.3 20.57 18.0 20.31 18.0 20.31 18.0 20.31 18.0 20.31 18.0 20.31 18.0 3.0 20.31 18.0 3.0 20.31 18.0 3.0 20.31 18.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	29.35 0.36	18	N
21.73 (1.73	25.8 + 0.12 19.0 20.31 - 0.112 25.19 21.0 3 62.0 10.16 5.0 83.0 11.2 5.15 0 10.15 0 12.56 13.0 5.10 27 20.0 12.57 14.6 5.10 28 20.0 12.77 16.7 6.10 19.5 20.55 16.6 7 10.0 19.3 20.57 17.0 19.3 20.57 18.0 20.31 18.0 20.31 18.0 20.31 18.0 20.31 18.0 20.31 18.0 3.0 20.31 18.0 3.0 20.31 18.0 3.0 20.31 18.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	29.35 0.36	## 1	18.3   -
25.16.25.50.29.73.11.15.2.	25 × + 0 + 12 19 0 20 31 + 0 + 12 26 19 830 830 830 830 830 830 830 830 830 830	20.18 30.64 20.28 0.38 14.0 + 1.0 10.40 0.20 - 18.0 13.0 13.14 0.2 113.0 20 - 18.0 13.14 1.0 10.40 0.20 - 18.0 13.14 1.0 10.40 0.20 - 18.0 13.14 1	## 1	18.3   -
1650   1   152   1   152   2   17   17   15   2   17   17   15   2   17   17   15   2   17   17   15   2   17   17   17   18   2   18   17   17   18   2   18   18   2   18   18   2   18   18	3750 3750 3750 3750 3760 3760 3760 3760 3760 3760 3770	1802   20   183   20   20   20   20   20   20   20   2	1245   124	176   187
15   1650   1   15   2   4   11   15   2   4   11   15   2   4   11   15   2   4   11   15   2   4   11   15   2   4   11   15   2   4   11   15   2   2   2   2   2   2   2   2   2	25 2400 56 3750 11 11 2 5 150 15 150 150 150 150 150 150 150 15	1.820   20.183   20.68   20.28   0.38   11.0   1.0   10.0   20   -18.0   34   21   21   18.0   34   21   38   39   30   34   21   38   30   34   21   38   30   34   21   38   30   34   21   38   30   34   34   38   38   38   38   38   38	12   12   12   13   15   15   15   15   15   15   15	99.20 99.57 11.703 10.33 10.34 11.703 10.35
1650   1   152   1   152   2   17   17   15   2   17   17   15   2   17   17   15   2   17   17   15   2   17   17   17   18   2   18   17   17   18   2   18   18   2   18   18   2   18   18	25 2400 56 3750 11 11 2 5 150 15 150 150 150 150 150 150 150 15	1.820   20.183   20.68   20.28   0.38   11.0   1.0   10.0   20   -18.0   34   21   21   18.0   34   21   38   39   30   34   21   38   30   34   21   38   30   34   21   38   30   34   21   38   30   34   34   38   38   38   38   38   38	10 0   6 6 6	20 1756
1   1550   1   1550   1   15   2   4   1   15   2   4   1   15   2   4   1   15   2   4   1   15   2   4   1   15   2   4   1   1   1   2   2   2   2   2   2   2	Second   S	102   17   1832   1846   1846   1847   184	N   10   0   10   12   12   12   13   13   14   12   13   13   14   12   13   13   14   12   13   13   14   12   13   13   13   13   13   13   13	99.20 99.57 11.703 10.33 10.34 11.703 10.35
1   1   1   1   1   1   1   1   1   1	25 × + 0 + 12   25 × + 0 + 12   13 + 0 + 1	15   102   17   1832   1830   1831   1830	N   10   0   10   12   12   12   13   13   14   12   13   13   14   12   13   13   14   12   13   13   14   12   13   13   13   13   13   13   13	14   199   20   176   183   1   184   0   23   18   0   7   18   18   18   18   18   18   18
54 (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	25 × + 0 + 12   25 × + 0 + 12   13 + 0 + 1	15   102   17   1832   1830   1831   1830	N   10   0   10   12   12   12   13   13   14   12   13   13   14   12   13   13   14   12   13   13   14   12   13   13   13   13   13   13   13	19   14   19   20   7   11   11   11   11   11   11   11
54 (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	50   18   13   25   24   24   24   24   24   24   24	15   102   17   1832   1830   1831   1830	15   16   16   18   17   18   18   18   18   18   18	19   14   19   20   7   11   11   11   11   11   11   11
54 (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	50   18   13   25   24   24   24   24   24   24   24	anor 52 41 108 20 1820 22 18 30 61 29 28 6 36 11 10 p p 10 p 10 20 20 20 20 20 20 20 20 20 20 20 20 20	15   16   16   18   17   18   18   18   18   18   18	19   14   19   20   7   11   11   11   11   11   11   11
54 (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	10   10   11   12   12   13   14   15   15   15   15   15   15   15	anor 52 41 108 20 1820 22 18 30 61 29 28 6 36 11 10 p p 10 p 10 20 20 20 20 20 20 20 20 20 20 20 20 20	15   16   16   18   17   18   18   18   18   18   18	18
soa banding         51 43 H3 17 1630         1 15 2         8 17 0 27 31         17 0 8 25           48 42 4 H3 10         52 24 H3 10         1 15 2         1 14 5         1 14 5         1 17 0 8 25           52 24 H3 10         53 24 H3 10         1 15 2         1 14 5         1 14 5         1 14 5         1 15 0         8 25 25           6 Band         53 24 H3 17 28 85         25 24 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10   10   11   12   12   13   14   15   15   15   15   15   15   15	anor 52 41 108 20 1820 22 18 30 61 29 28 6 36 11 10 p p 10 p 10 20 20 20 20 20 20 20 20 20 20 20 20 20	15   16   16   18   17   18   18   18   18   18   18	18
soa banding         51 43 H3 17 1630         1 15 2         8 17 0 27 31         17 0 8 25           48 42 4 H3 10         52 24 H3 10         1 15 2         1 14 5         1 14 5         1 17 0 8 25           52 24 H3 10         53 24 H3 10         1 15 2         1 14 5         1 14 5         1 14 5         1 15 0         8 25 25           6 Band         53 24 H3 17 28 85         25 24 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10   10   11   12   12   13   14   15   15   15   15   15   15   15	anor 52 41 108 20 1820 22 18 30 61 29 28 6 36 11 10 p p 10 p 10 20 20 20 20 20 20 20 20 20 20 20 20 20	15   16   16   18   17   18   18   18   18   18   18	18
10   15   1650   1   15   1650   1   15   1650   1   15   1650   1   15   1650   1   15   1650   1   15   1650   1   15   1650   1   15   15   16   16   16   16   16	Creek. 50 by 13 Sy 750 24 by 12 cm 1	15   15   10   17   1832   1830   23   183   1830   24   183   1830   24   183   1830   24   183   1830   24   183   1830   24   183   1830   24   183   1	18	14   199   20   176   183   1   184   0   23   18   0   7   18   18   18   18   18   18   18

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, MARCH, 1907.

a Barometer not reduced to Sea Lovel. \* Stations not furnished with Registering The rmonuclers

nito	So, of th index st					1 10	-	1 m 0	-	- = :::	~1	= ~	~ ~ ;						- x =	- =	= - = =	
3 mi			-				=	1, 2		1	= =	K 2.	11	= =	15-	271	<u> </u>	155	==	= -		E-Ee
1	1 - 11 ( d )		200	-	19	1		== =		1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		= =	7 (-		487	- pain =	R.R.r 5 E S	= =	= -	= =	=====	
IAT	ministration I		- 0	= -	= 1	=		- 1					-				7 = 3		E /		- 75	
1 4 1,	T \		E 2	10.00	£ = -7	1.77	~ .	4.3	EAT	7 3 12 - 7 77	145 14.5	47	= 3		11712			1-=				n-n-
Ē	Saultininit								2	EVS			11:11								3/2	
FEDERAL TY.	dub daH								-	-			-								Ξ	
7 2 2	Membres.								=	-												
	Render Transfer To Render To		Ħ		-	Q.		3	28	33	3		22	2	5.5	31 m	58.0	1 2	2	22	222	¥
-	(,)		-		5	m		2	-17	13	71		# 15	Ξ			11 = =			=	2 m 2	=
FROM	7.11.		,		25	Ξ		13		- F3	-		( = #	51				. =		=	Z = "	
WLYD	11.					-		(mp	2%	-			=:-	0			× 215			-	경우	
× ×	3.11.5		110		91	=			==	21	10		3. 21 3. W	20			an Xi e. Se e a			=	0 252	
	'S		21		1-	-		_	13.3	22			30 FE	_			51 = - 11 51			-	2-1	
HRECTION	EE		=		=	21		200	211-	=	-		1-12	-			-25			-	120	
T T	E' .		21		°,			21	20.01		-		= 53	Ξ			n = :		t	21	21	
	X'E		-		1	-	_	21	==		17		1-7	-	=-	53 53 ·	-gr	· E	z	7)	2000	- 7
====	Z' clonded.				_	L-		1.	1 = "1	,			-	1-			123				22	
	cloud,					15			=-					÷			g = 1.				(ntn	
	New Jamo on to of																					
70.01	Jiean relitive																					
70 84	Nean temperatu		-20	_	-==	1-	9		en m				mzi		en en	20 1 m		100		1- 5	271-70	713-
	Date.		23	8	388	5.5	2-	五名 西里		-1-1-	2 31	1-1-		-1-5	21.5		-171		-=:	-	122	=== ==================================
RE	Lowest.		2 × 0 × 0 × 0 × 0 × 0 × 0 × 0 × 0 × 0 ×	0.11	222	9		==	20 mm						2 2 2							= n i - x
KRATL	Date.		53.33	6	2192	55	31	F1 23	889	18.55	213	3131	555	3355	5555	51 51 1- 20	A ST	631	31 <i>8</i> 1	3131	ลลสส	6.6.3131
	Highest		60	= 5	5 5 5	= =====================================		= 0 = 4	= 3115 22 = 5	- = =	22	35	923	0 0 0	p	00:	900	E E :	(1 E (2 E)	==		0000 8000
TEM	Years observin		188	0.19.15	25 25 25 25 25 25 25 25 25 25 25 25 25 2	H 38 17	_	5.4 5.5 5.5	87.20 GT 8	문장	5.5	52	2 6 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		20 10 10 10 10 10 10 10 10 10 10 10 10 10	#12: #2:		48 48 8	2155: 1-51:	28	2482 2522 2522	8888
	Difference from average.			=		-			3 m -					200	PT PT	G	14 -		w (n )	m 10	-	
TEM	Меан.		20 CE 04 CE	16.50	<u>807</u> 8 × ×	12	5	E 51	1268	16.5	9 E	3.22	555	- <del>-</del>	RAR.	. 0 년 전략:	0 - 8 5 6 8	33	EX.	a r	2522	AAAA
	Range.	-			7	1.		38	5								5 =				22	
URE	Lowe-t.	i			22 K	E 6		E 3	95.45												2.5	
PRESSURE	.t- idaiH		-		8	31		1.02	25								8 8	)			1911	
1	Mean reduced.	-			28 71 20 30 28 12 1 18	30 OF 30 S2 20 OF 1		36 1 18 20 20 31 1 36	THE REST OF THE PERSON IN THE								20 (20 (0) (0) (0) (0) (0) (0) (0) (0) (0) (0		-		20 03 20 of 20 18 1 03 30 08 30 06 28 50 1 06	
	level, in teet.	-	0.75	25					8 185	12.5	9 . Fr.	2 E	570	1881	0.00	587			25	980		8858
894	Elevition above	_	21203		HEE.	-1-			122 12 15				일다. 설립스									00000 0285
-	.W abutigno.l		10 E	181	ERKS.					inn inn		98% 3%2				2 A		EAST EAST				명목말통
-	L itude Z.				25 7 5 1																	121=52
	STATION.	MANITORA Con.	Onkbunk, Onkdule Purk,	Pertugata Prairie	e Stony Monthlip a Stony Monthlip Tycherne:	Vinotpeg.	Overview Cliff	Fort Arthur	White River Allon, River Rucche	January Baratrice	Chinton .	Collingwood Coldwater Calvin	Cocking Island	miley hary	Newford .	Owen Sound	Toint Clark	Tubend's	Birmittard	Chathan	Parrollton Loradon Loradon Port Stanley	Port Burwell Pelce Island Paris Sarnia
1		MA	00:		- 2 2 - 2 2 E		<u>-</u>	227	, =	(min )			-00	==:	20.7.	50	7	. T. —	-=			7.

						•
	000000-000-0000				DDD-DMUUHU -	popmounico
				#71 E		
_		532333332555 5-695			48595517	
_	8.882 8868 88.8	888845338845			SRESSESSER	7537588875
				5 E	55555555555555555555555555555555555555	7.7.2.7.7.8007.11
	용약용위 중 F 등 등 등	경영 경남양목대		落 、混。	三 羽 第 昭 三	그룹스타 그림식도
	100000			9 9	g - 21 C C	\$\frac{1}{2} \frac{1}{2} \frac
	स्त्रा स्टब्स्य स्टब्स्य ।	Barasershes -		里 . : : 是	무종본판인그림육%그	#3%#4578g8
	+ 21 21 21 - 2 - 2 - 21 - 21				5125 515 5144 514	20 mm 21 m 21 m 21 m m
. —						 @
	* : : : : : : : : : : : : : : : : : : :					
		5 5				중 중 _
		E I . B I I I B I I		111		1211 = 1
						(= + · · = · · · · · · · · · · · · · · ·
					112 - 1	
	(2) (1) (2) (1) (2)	8 : 28 28 :		8 8	8 2288888	3 2 2 2 2 E
	21 : : : : : = :	5 : 00 250 :		a .s	compand c	21 0 2 0 2 0 m
					440 D.D. HW.	
	18 1 1 1 1 9 1 1 1	5     123   mm   1		II : 81	-12-895 -	Hogin Ix 31
_	<u> </u>	= : · <u>98</u> := : :		沒. 章	Enemanne Z	\$25 015 61
		그 등 일하 [구부 ] ]				
	19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 : : : : : : : : : : : : : : : : : : :		oc	1 日本の文化の日	20x2 50 5
	(0)	21 4000 2		ā : n	5552	
				24		
	12 11 0 11 0	E : : : : : : : : : : : : : : : : : : :		→ : : <del>-</del>	conomit in	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □
_		- xo ・ : の計 : の言		× 11	<u> </u>	= % c - = m =
	9			2 : :2	(2) 国际中央区域	
		10 1 1 10 E 10 H		2 . =	-1-0-0m3 +	्वाट क च टाइ
_						
	5 : : : : : : : : : : : : : : : : : : :	1- : : : : : : : : : : : : : : : : : : :			TT   T   17 m   2	man and the second of the seco
	10 11 11	(+ 11 to 11			e de marie de la composition della composition d	+ 600 m
	₩ : : : : : : : : : : : : : : : : : : :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
						<del></del>
	21# 2 # 2 # 2 # 2 # 2 # 2 # 2 # 2 # 2 #	90000 00000		19 1	+ 3 3	1-012-1- 2-0101
	a di di de	x 2 2 2 2 2 2 3 2 2 2 2 2 2 2 2 2 2 2 2		22	288	원무업업원 문성용업
	Salcadienelectera Salcadenelectera	9				
_		5000000000			.acncccx=em	
		- 8 8 8 8 9 9 8 9 9 9 9 9 9 9 9 9 9 9 9		E : 22	(祖籍報》2年代前四五	20 がた 20 があ 書の景
	<b>898888888888</b> 88	1 - 26 26 26 15 15 15 15 15 15 15 15 15 15 15 15 15		31 · · · · · · · · · · · · · · · · · · ·	. 98277779888	:8184446848
	61 61	(0) (0) (0) (0) (0) (0) (0) (0) (0)		21	01 to 01 -4 -4 -4 01 to 01 01	. to to 21 21 21 21 22 22 22
				To His		i penne anne a
	2882222232322238	9888888888		8 :8	Pattanasans -	
		532°55=555=00		3.1.25	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	# 1 20   10 24 # 20 20 20 20 20 20 20 20 20 20 20 20 20
	60000   m   m   100000	1 H     2 A m m		0 6	-   61 91 91 = 21   21	(-) hb ( -bh-
	++++++++++++++++++++++++++++++++++++++	20 20 3 11 5 2 1 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		4 :	2	1 4
	48688888888888888 000 00 00 00 00 00 00 00 00 00 00 00 00			17	2025822223 2026822223	\$228939222 
		3 : 8 : 8				
-		20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			85 85	50 1 1 1 5 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1
	55 · 동	지 : : . 뭐 . 뭐				
		22 : : : : : : : : : : : : : : : : : :		: : : : :	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	8 455 38 1
		24				
	30.06.30.54	30 03 30 42 25 40 1 02 30 01 30 57 25 27 1 30 30 03 30 50 29 18 3 32			80 (20 30 46 20 20 1 20 30 1 25 1 25 1 25 1 25 1 25 1 25 1 25 1 2	20 - 20 - 20 - 20 - 20 - 20 - 20 - 20 -
-					11113888	
	100 100 100 100 100 100 100 100 100 100	25 STEPHE 25 STE		- B	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 485488888
				0)01001		48388444
		x x x x x x x x x x x x x x x x x x x		814888 <sub>8</sub>	11 12 13 15 15 15 15 15 15 15 15 15 15 15 15 15	2888888888 288888888888888888888888888
		x 5 x F F F F F F F F F F F F F F F F F		22822		
	8,82878 12583-81	5888×887+9864		## # # # # # # # # # # # # # # # # # #		数の中で在の中に正常の
		=======================================		X 2 2 2 1	55 5XEEX 52	25222222222
				설상		
d.				454		
nd				:		In the second se
277	60 S	11115		100	i gradiji	W. Take the second of the seco
Co	[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	a de la companya de l		AND V	F F T SEE THE SEE THE SEE	N
1	THE PERCHAPAGE THE	oount. ay. ay. bee. bore. bore. bore. bore. bore. signe.		bi. Ost Ost	Brome Clarke City Clarke City Cape Magdi Futher Poin Montreal Paspediae Quebec	September 1
Ç		프로젝 어떤 테르프 교환되고	E		E488884866	
ARIO	田田田の子を紹介の中田田田の	374756555668 374756555668	22		0 2 2	5 5 12 7 8 0 8 1 1 2 5
NTARIO	Strat ford Woodstock Welland Windson Willarcharg, Aglacoharg, Aglacoharg, Agreoner Bloomfeld Sast Torono, Kingston Lakeside Home Porch Hope Torono	kinmiount Lindsay Lakelleld Nardoco North Gow Ottawa Ottawa Ottawa Ottawa Ottawa Rockliffe Rockliffe Renfrew Karkliffe	UEB	Abi Ant Ant	Brome. Clarke Clarke Cape Clape Clape Clape Montre Paspedi Paspedi Onebee	# #DETERMENT
ONTARIO-Concluded.	Stratford Woodstock Welland Windsor Walburchurg Aghreourt Bloomfield Fast Toonto Kingston Tarkeside Hone Port Hope Toronto Toronto	Lindsny Lancelled Lancelled Madoc North Gower Otomboc Peterhoro Rockliffe Renfrew Uxbridge	QUEBEC-	Abitibi. Anticosti, E. Point. Anticosti, S. W. Point. Anticosti, W. Point. Bird Rocks.	Brome Clarke City. Clarke City. Cape Chatte Cape Magdalen. Father Point. Montreal. Paspediae Onebre. Sherbrocke	NEW BRUNSWICK Bathurst (Tuthan Balbousie Prefericton Grand Manu Monton. Your Lepreaux St. John. St. Mehren. St. Mehren.

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, MARCH, 1907.

a Baromater not reduced to Sea Layel, . 'Stations not furnished with Registering Thermometers,

	, 108	n soog sum: one noon	÷ ——
× 11.11		1 0000 -0000 total 1000-	-,
	44 111 1		
alt I	1.1 1/2/2([	# # 44 59554	=======================================
	117.0011.00	# R 34 19724 R R # # # # # # # # # # # # # # # # #	
A T.	17 01116.	그 중지 그 2그가 있 수	
***	mortor matted	21	m
Pressing the state of the state	Annout.	8 2 82 880000 m = 3.4d	4
-			
Ē	Pate and dire =	: <u>*</u>	
	16361131		
VELLER ITY SELVED.	न स्मित्रिन्त्रप्राप्ति	×	
1	च भावति छ		
	soft a most	<u> </u>	
	and mun latel'	5 × 52 2 25 5 × 2223	23
	c.	0) 0 -0 0 -0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	***
MO			- 2
7			
ž	11.		
Dugglion of wine From	:11:8	6 - 5x 2 3- 6 5 mgmm	2.
0.74	'5	e = 200 (2 (20 20 20 20 20 20 20 20 20 20 20 20 20 2	4
5 N	S.E.	0 0 010 10 0 0 0 N - 0110	21
103		100 a ma n wm a 60	0
111	E		
	Z'E'	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	23
	.X.	the North No	20
	clouded.	-x 2 - 2 0 0	
glasafe	cloud,		<sub>©</sub>
	to function analy		
	Mean relative		
10 041	Mean temperate dewpoint.		
=	rango	-m m=x -=nn+ m - m+ -m x	
	Mean daily	<u> </u>	= =====================================
	Date.	-	
	289710.1		
2	1-0.110 ]		
TI MPERATURE	,91aCl	[R [RRS] 354 RS] RS	R
Ξ	TISBUSTI.		
E	Years observin		- K
	from average.		
	คายกรบนิเป		
	Meun.	[전 프로프트 프로프트 - 1010 - 1010로 -	4
	,		
	Range.	20	30 13 30 68 23 68 13 30 12 4
H.F.	Lintvest.	12	8
PRESSURE.		3 : 6 : 5 : 5 : 5	<u> </u>
J.E.	Highest.	5 1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	5
_	Mean reduced.	3     6     6     6       4     6     6     6       5     6     6     6       6     6     6     6       7     6     6     6       8     6     6     6       8     6     6     6       8     6     6     6       9     6     6     6       9     6     6     6       10     6     6     6       10     6     6     6       10     6     6     6       10     6     6     6       10     6     6     6       10     6     6     6       10     6     6     6       10     6     6     6       10     6     6     6       10     6     6     6       10     6     6     6       10     6     6     6       10     6     6     6       10     6     6     6       10     6     6     6       10     6     6     6       10     6     6     6	2
	Dan III tara		
805	Elevation above		151
	* AL GRADIL MILOT	, 생명합교육교육교육 - 변경합 - 변경합당 - 발등교립교육교육교육 - 프로그 - 등교육합당	8
	Longitude W.		3
	.N. abuiltad	- <u>585588586486458</u>	5
			7.7
	Z O		
	Ę	The first to the f	
	BTATION	Man	4 4
	20 4	Bridgetown Haiffar Haiffar Fort Hasings Fort Hasings Fortsburo Fort Hasings Wolfville Fort Fort Hammilton. Fort Hammilton. Fort Mannell Cupe Norman Fort Kormun Fort K	ans
		NOVA SCOTIA Hadifax affeton Port Hactings Farrshoro' Saldrey Saldrey Saldrey Saldrey Saldrey Saldrey Saldrey Saldrey Windsor Summerside Summerside Charlottetown Summerside Summerside Summerside Summerside Summerside Summerside Summerside Summerside Summerside Summerside Summerside Summerside Summerside Summerside Summerside Summerside Summerside Sum	Bermuna
		, s , z , z , z ,	= +

## PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER, &c., DURING MARCH, 1907.

		1: 1.1	NFA	L L		1 .	8 X O M	FALL		
STATION.										REMARKS-
	Amount in inches	Days, '01,	Fair	Heaviest Fall in Month	Date	Amount in inches		He tylest Fall in Month	Date.	
British Columbia—	in.			in.		in.		in.		
Coquitlam Denman Island.	3-66 3:90	10 8	20 20	0179 1130	2	0.9	1	0.2	14 15	
Goldstream Lake. Hartley Bay Naas Harbour. Nanaimo	2:26 0:80 0:56	11 2 1	11 20 21	0:38 0:50 0:56	3Î	2175 1475 1470	6 7 6	6 0 12 5 5 0	14 30 20	
Somas River	1:91 4:91	7 13	16 17	0°53 4°60	23	515				
Royal Oak	1:76	8	22	0.80	11	0.2	1	0.5	11	
Coutts				}		910 215	5 3	310 2.0	10 1 (	
Bardo Beaver Hills, W Bismark						1 S 5 5	8 8	3 U 31à	15 15	
Bismark Bruederheim. Bittern Lake, Clover Bar						310 710 510	2 2 5	2 5 5 0 1 0	15 15 16	26th, -21
Clover Bar Conjuring Creek Heather Brae		· · · · · · · · · · · · · · · · · · ·				612 817 218	3	1.5 1.8 1.2	15 15 16	25th, below zero. 30th, 10
Islay Innisfail						1000	6 5	2 0 3:0	9 26	
Lacombe Macleod Magrath Mayton Morinville Okotoks Pomoka Sion	0:19	·	20	0.19	is	517 115 1210	11 5 8	2°1 1 0 3°0	31 15 7 28	
Magrath Mayton Morinville						13 0 7:0 1 3	7 2 2	3 0 ‡ 0 0 5	28 8 13	Ground frozen to depth of 4 ft.
Okotoks Ponoka						10:8 6:0 10:0	11 6 8	2.8 3.0 1:0	1 18 15	Slight hail on 31st.
Saddle Lake						8:0	3 3	3.0	11 25 15	ragic han on siet.
Wabamun Dorenlee						$\frac{3.0}{7.4}$	1	1 0 5 5 2 8	16 17 15 15	
Grassy Lake						315	2	3 0	2	
Elm How						6:5	3	310	18 18 21	Dura on Ohnd
Insinger Regina Last Mountain	0:2	i	20	0.02	21	11°a 4°0 1°5	1 6	510 310 115	18 2F	Fog on 22nd. Fog on 5th.
MANITORA—										
Carlwright	0:28	2	22	0.18	24	1315 910 1010	5 1 5	5 0 1 5 6 0	18 26 11 26	Fog on 21st.
Norquay Rapid City	0.55	i	20	0.51	21	11 8	š	3 2	27	Blizzard on 18th.
Ontario – Aurora	1:11	<del>-</del>	18	0.31	26 2	å:0	1	3.1	5	Thunder on 25, 26, 27.
Arden	1 74 1 76 1 55	9 6 7	19 24 22 24	0:72 0:70 0:47	25 27	1:0 1:0 2:5	1 2	1 0 1:0 2:5	1 31 5	Thunder on 24, 28. Thunder on 25, 26. Thunder on 23, 26, 27.
Putton Emsdale	1:33 2:02	7 3 8 6	19	0°52 0°79	25 27 27 25 1	7.0 8.5	1 3	5 II 1 5 1 II	19	Thunder on 25, 27. Fog on 27. Thunder on 23, 27.
Goderich	1 71 2 21	9	22 10	0.80	26	2.6	13	0:9	5	Fog on 1, 12, 19, 25, 27. Thunder on 23, 24, 26, 27.
Huntsville Lansdowne MacCuc	2123 1 39 1 65	6 3 4	19 10 27	1:0) + ' 0:80 1:00	24 2 21	10:5	7	3.5	2	Thunder on 23, Thunder on 23, 28, 29,
Midland. Montague. Orangeville	0138 2169	No recor	d kept.	0°16 0°69		615 1 0 2 3	2 2 2	3.5 1:0 1:2	5 19 19 6	Thunder on 23, 24, 27. 4th, Ice 2½ ft. thick on river. Thunder on 26, 27.
Parma	2 57 2 85	6 3	24 23	0.70	23 27 25 26	9°5 8°5	I 1	112 015 3 0	15 19	Thunder on 24.
Sydenham Strathroy. Wyoming	2 44 2 42 0 80	5 12 5	26 16 23	0194 0178 0130	$\frac{2}{2}$ $12-27$	9:0 5:0	3	3:0	7-19	Thunder on 23, 25, 26. Thunder on 27.
Watford Westport Wooler	1°18 0°25 1°11	1 6	27 24 24 23 26 16 23 27 24 22 22 22 28	0:52 0:25 0:37	1	5 3 1:0	5 3	2 n 1 n	19-21	Thunder on 24, 27, 29, Thunder on 23. Fog on 13, 25.
Westminster Wiarton	1 33 2:49	3 6	22 18	0°48 0°96	20 2 -27 12 23	7 5		\$15	19	Thunder on 26. Thunder on 23, 26. Fog ou 28
QUEBEC-									10	Thursday on 90
Gaspé New Brunswick—	0 11	3	22	0.30	21	24:0	6	810	12	Thunder on 26.
Point Eseuminae	0.13	1	23	0.1	17-28	27:4	3	18:1	20	20th, worst winter storm ever recorded.
			i							OTOT MOTOCIA

PROPORTION OF BRIGHT SUNSHINE REGISTERED IN EACH HOUR OF THE TOAY DURING WHICH THE SUN WAS ABOVE THE HORIZON IN THE MONTH OF MARCH 196

	Hot is Ending							1.							
STATIONS	side. Prility give side ret	10	pon pon off or or	× 4. 10	9 a m.	10 at 111.		Vote 11.	1.7.	70 20 10 10 11 12	3 p. m.	11	n d v		
V 1:0 1 1			11-172	0.32				16.,45							
× 1 ( DH			0.18	1) 3%	0.41	0 [6]	11 .5	(1 #)	1.51	1 41	0.3	0.50	0.48	0.162	
1 or 1 < 1				0.15				11 [1]							
K tribot-			11-11]	0/21	0.12	0.17	() jt,	0.52	0.07	11 [15	0 Ia	FE 15	0.32		
~ (Collar															
Battle fa el				0.09	0.32	0.49	11.04	11.55	1 841	0.63	1) 63	0-11	0.02		
C Klarkry															
Me Ir inc Hal		1.18	16-311												
I dissorter								0.71							
Indian Head			0.13	0.18	0.35	0.54	1) 50	0.66	0.60	0:61	0.03	H .;0	0.26	11 [1]	
Bando			11 13			1		0.79							
Wirnipeg			1) (1)%	0.38	) (j <sub>a</sub>	1 192	0.65	0.68	0.70	11 [5	0.42	11.57	0.33	0.21	0.00
Woodstock			11-1-01	0.16	0.32	0.37	0.32	11/32	0.39	0.36	() (8)	(1.25)	0.21	1112	
Toronto.				0.13	10:33	0.44	0.36	0.36	#1.15	0.50	( 46	0.41	0.37	11 10	
Lindsey.			0.16	0.18	0.55	0.40	0.47	0.50	0.11	0.31	0.31	0.37	0.31	(F.27)	0.02
Berrie			0.01	0.26	0.38	0.15	11. [9]	0152	0 an	125. 11	0.38	0-11	() 311	() () ()	
Gravenhurst															
Haiteybury			0.01	(1, 4)4)	0.11	0.16	11/51	0.94	0.01	D air	0.25	0.50	0.35	0.63	
Kulgston .			0.11	0136	00.43	0.51	0156	0.52	0.48	0.45	0:41	0145	( (20)	0.00	
Ortawa			0.02	0.35	0.45	11, (1	11-46	0.48	0.91	0.22	0.25	0.18	0.38	0.01	
Montreal			0.07	0.30	0.13	10.43 <sup>1</sup>	0.10	0. (0	11.12	0145	0.45	01.37	0.15	11.(1)	
Sherbrooke		0.04	11,20	0.11	0150	0.58	0.36	0.53	0.49	11 7/1	0.91	0.45	0.08	0.12	
Quelec			H-Dā	0.32	0.36	0.43	0.49	0.48	0.51	[0,a]	0.51	11 14	0 13	0.04	
Fredericton			01-165	0.35	0.13	0.50	0153	0.53	0.55	0.22	0.63	11 150	0.49	0.21	
Charlottetown.			0.01	() 20	0.53	01.06	0.55	10.55	0151	0.51	0.52	0.45	11.33	11-114	

-	Vietnilie.	Varminno.	Aguantz	Kantops	Say other.	Battleford.	Calgary	Medicine Ret.	Edinomon.	Indian Head.	Brandon.	Winnipeg.	Woodstork.	d de servicio de la constante	Lindan		Gravenhurst. Haileybury.	Kingston.	Offawn.	Montreal.	Sherbranke.	Quebec	l'terierle l'est	Charlottetw'n
Mean propo- tion for month Constant sun- shone being 1		0.42	0.27	0 35		0.37		0.53	0.50	0°11	0.52	0.51	0.25	0.33	0.31	0.00	0.3	9 11 22 (1	1 (1)	1) {13	0.41	0 390	i (6 ri	11
Difference from average.	, de 181		0.172			0.11				( + O <sub>T</sub>	+ () ((5)	+11 (5	0 05	01-056	0.08	0.01		0.03	0.01	0 05		- 6	F01	
Maximum daily amount.	0.87	0.91	0.80	(1 5)(1		0.72		0.18	0 57	0 %	(1.56	0.42	0 %	0 %	0.97	0 44	(1.5	g meg	(1.87	0.18	0.50	(F:\$0)	1920	i (i)
Pate	9	6	l.	6		1		1	5	21,3	30	9	f's	G	201	G		6 2	+ (	10	25	9	4	7
No. of days clouded .	3	- 1	12			6		1	1	6	5	3	10	٠,7	7	6		6 +	i r	,	. 5	6	6	-1

Aurora recorded:

Where the class of aurora is noted by the observer, it is given, (I) being the brightest, (IV) the feeblest in brilliancy.

- 5. Treherne, Chaplin, Gray Hill, IV.
- 6. Gray Hill, IV.
- 7. Paspebiac, IV; Treherne, Waitefield, IV; Macleod, III; Cape Norman, III.
- 8. St. Albans, III; Estevan, Nicola.
- 9. Paspebiae, II; Haliburton, Ursa, Birman, IV; Cockburn Island, II; Bruce Mines, IV; Lake Talon, North Bruce, St. Albans, I; Treherne, Estevan, St. Peters, IV; Gray Hill, III; Pakan, III; Waitefield, II; Threchills Creek, IV; Kneehill, Princeton, B.C., Big Creek, III; Insinger, IV; Cartwright, IV; Emsdale, III; Huntsville, III.
- 10. Chicoutimi, Paspebiac, IV; Ursa, Madoc, III; Birnam, III; Clinton, III; Bruce Mines, IV; Lake Talon, Lucknow, North Bruce, Alameda, IV; Chaplin, Threehills Creek, IV; Salmon Arm, Nicola, Emsdale, I; Georgetown, IV; Huntsville, II; Cape Norman, II.
- 11. Chicoutimi, Paspebiac, IV; Cape Magdalen, Haliburton, Madoc, IV; Savonas, I (very fine); Lake Talon, Lucknow, St. Albans, I; Alameda, IV; Gray Hill, II; Hillsdown, III; Pakan, III; Waitefield, III; Threehills Creek, I; Kneehill, Tzouhalem, Salmon Arm, Quesnelle, Princeton, B.C., Big Creek, II; Ladner, Nelson, Hedley, Alberni, IV; Bella Coola, IV; Denman Island, Cartwright, II; Emsdale III; Georgetown, IV; Huntsville, II; Cape Norman, II.
- 12. Chicontimi, Paspebiac, IV; Sutton West, Oakdale Park (fine), St. Albans, IV; Spences Bridge, Ladner, Insinger, IV.
  - 13. Ladner.
  - 15. Chaplin, IV: Gray Hill, III.
  - 16. Gray Hill, III; Waitefield, III; Cape Norman, Il.
  - 19. Gray Hill, IV.
  - 20. Waitefield, II.
  - 21. Chaplin, IV; Gray Hill, II; Waitefield, IV.
  - 22. Pakan, III; Cape Norman, II.
  - 24. Waitefield, II.
  - 26. Hillsdown, IV.

Thunder recorded on:

- 21. Oakbank, Oakdale Park.
- 23. Brome, Haliburton, Lakefield, Madoc, Peterboro', Brantford, Birnam, Uplands, Orillia, Cockburn Island, Clinton, Bruce Mines, Meaford, Lucknow, Owen Sound, Deer Park, Emsdale, Georgetown, Huntsville, Lansdowne, Midland, Strathroy, Wooler, Wiarton.
- 24. Beatrice, Lakefield, Ursa, Madoc, Paris, East Toronto, Sntton West, Arden, Georgetown, Midland, Princeton, Westport.
  - 25. Haliburton, Cockburn Island, Bruce Mines, Meaford, Aurora, Croydon Dutton, Strathroy.
- 26. Alton, Beatrice, Ursa, Port Dover, Port Burwell, Paris, Hamilton, Brantford, Birnam, Agincourt, Port Hope, East Toronto, Sutton West, Barrie, Cockburn Island, Clinton, Bruce Mines, Meaford, Lucknow, Copper Cliff, Owen Sound, Aurora, Croydon, Deer Park, Georgetown, Orangeville, Strathroy, Westminster, Wiarton, Gaspé.
- 27. Brome, Abitibi, Haliburton, Ursa, Madoc, Peterboro', Port Burwell, Hamilton, Brantford, Agincourt, East Toronto, Sutton West, Lucknow, Aurora, Deer Park, Dutton, Emsdale, Georgetown, Midland, Orangeville, Wyoming, Westport.
- 28. Brome, Chicoutimi, Cape Chatte, Beatrice, Madoc, Port Burwell, Port Hope, Arden, Lansdowne.
  - 29. Abitibi, Lansdowne, Westport.

#### FORECASTS FOR MARCH, 1907.

The forecasts send by this office at 11 p.m. each night, are posted up at every telegraph station in Canada, and are for the 24 hours beginning at 8 a.m. the following day.

The number of predictions issued during the month was 1147. These were divided as follows:-

	No.		VERREIED.						
District 1.	[4 ned	No.	No. Partly	No. Not	Per				
Albert a	¥)	66	13	\$	St 1				
Saskalehewan Marodoloa	¥1	*	19	3	81.1				
ak Sperior	80 84	li i	11,	1i S	\$1.3 \$2.0				
Lower Lake Region	94	72	16	1)	5+1				
toors in Bay	91	71	[8]	Þ	\$1.1				
O'rewa Valley. Upper St. Lawrenge	1.5	71 73	15	11	81 6 83 7				
Lower St. 1 iwrence	23)	15	ь	). U	41 )				
Coulf.	1. F. 3	71	13		81.2				
Maritime Provinces, West	125	92	23	10	45.4				
Maritime Provii Ces, East.	121	- "	30	7	82.1				
Tot d	1147	855	211	81	×3.7				

In order to obtain the percentage of verification of the predictions, the number partly verified is divided by two and added to the number fully verified, and the result divided by the total number issued.

In ascertaining to what extent the predictions have been verified, the reports from the agents at all observing stations, as well as the telegraphic reports, are used.

Meteorological Office, Toronto.

26th April, 1907.

R. F. STIPART,

Director.

#### DEPARTMENT OF MARINE AND FISHERIES, CANADA.

METEOROLOGICAL SERVICE,

# Monthly Tagathen Review.

VOL. XXXI.

APRIL, 1907.

No. 4.

#### INTRODUCTION.

In compiling the present Review the principal data made use of are the telegraphic reports of observations received at this office for the purpose of weather forecasting, and reports by mail from voluntary observers and storm signal agents. For the material used in tracing the paths of areas of high and low pressure in the United States, we are indebted to the Chief of the Weather Bureau, Washington, D.C.

#### REMARKS UPON THE WEATHER.

The weather over the lower mainland and islands of British Columbia was quite cool and unsettled during the first ten or twelve days and light frosts occurred at a few places in northern districts. Somewhat milder weather then set, in and continued to the end of the month, the last nine or ten days being comparatively warm. Much rain occurred during the unsettled period mentioned, also on or about the 16th, but after the 10th the weather was mostly fine and the mean proportion of bright sunshine exceeded the average. Vegetation was somewhat backward on the 30th. Over the upper mainland the weather conditions were almost similar to those in districts to the westward, it being cold and unsettled during the first nine or ten days, but frosts at night were more frequent and the precipitation over the higher levels of the mountains was chiefly snow.

In the Western Provinces the chief characteristic of the weather was the low temperature which prevailed, it being quite phenomenal in the Province of Saskatchewan. On or about the 16th and 19th, temperatures below zero were recorded at some places in this province. From the 2nd to 4th, the weather was mostly cloudy and there were falls of snow, after which much bright sunshine was recorded up to the 14th. On the latter date the weather again became unsettled and snow was recorded occasionally at many places up to the 18th. From this time onward the weather was mostly fine. On the 30th, vegetation was exceedingly backward.

The weather in Manitoba, like that in Saskatchewan, was phenomenally cold and high winds were also of frequent occurrence. From the 3rd to 6th, 10th to 16th, and 24th to 29th, snow occurred almost daily at most places; and although there was much fine weather during the intervening periods the proportion of bright sunshine was below the average, excepting at Winnipeg where, on the contrary, it was slightly above. Sleighing was possible in many districts until quite late in the month, and on the 30th vegetation was exceedingly backward.

In Ontario the weather was characterised by unusually low temperatures, frosts occurring almost every night. On or about the 20th and after this date, 50° was occasionally exceeded during the day, and during the last three days between 60° and 70° was recorded at some stations. The precipitation which at most places included snow, and which was excessive in most districts, occurred chiefly on or about the 4th, also occasionally from the 7th to 16th, and on the 25th and 30th. Fine weather was recorded during the first two or three days, also from the 18th to 24th; and it was occasionally fine on other dates, but the mean proportion of bright sunshine was below the average generally. In northern districts much snow still remained on the ground at the end of the month, and vegetation throughout the Province was quite backward.

In the Province of Quebec the weather was somewhat colder than usual in the eastern portion of the Province and quite cold in western districts. After the 20th, milder conditions prevailed, and in western counties the temperature occasionally exceeded 50°. North-easterly gales accompanied by snow were recorded on the 5th and 9th, snow or rain also occurring at most places on or about the 1st, 2nd, 24th, 25th, 26th and 30th. On the last day of the month much snow still remained in the woods, and up to a late date the ground was also frozen which retarded vegetation considerably.

The weather in New Brunswick though cold during the first half of the month was comparatively mild during the second half and the mean temperature did not depart much from the normal. The precipitation which was generally excessive, and which included some snow, occurred chiefly on or about the 2nd, 6th, 9th, 14th, 24th and 26th. During the intervening periods there was much bright sunshine. High winds were somewhat frequent. Some snow still remained in the woods at the end of the month and vegetation had made little progress.

In Nova Scotia changes of temperature were somewhat frequent and rapid, but after the 15th, the weather was comparatively mild, and the mean temperature of the month was not much below the average. Dull weather generally prevailed, but from the 15th to 23rd there was much bright sunshine. Precipitation, though deficient in the aggregate, was of frequent occurrence, the chief falls being recorded about the 1st to 3rd, 6th, 9th to 15th, 21st and 24th to 27th. The falls on the first three days were snow at most places, and snow was also recorded on the 9th in some districts. Fresh to strong winds were almost continuous. The condition of vegetation was normal.

In Prince Edward Island the weather was exceedingly dull and slightly colder than usual. After the 17th, temperatures exceeding 40° were general, but the nights were comparatively cold. The precipitation, which included much snow, occurred in most districts on or about the 2nd, 3rd, 6th, 10th, 15th, 20th, and from the 25th to 27th, but the falls in most instances were light, and the total quantity for the mouth was less than the average. Vegetation was somewhat backward.—F. F. PANNE.

#### ATMOSPHERIC PRESSURE.

From Lake Superior westward to the Pacific values of the mean atmospheric pressure for April were supernormal, departures increasing inwards to Southern Saskatchewan to a maximum of +0·10 of an inch at Swift Current, Sask. Subnormal values were registered elsewhere in Canada with the deficiencies increasing eastward from Lake Superior reaching—0·12 of an inch at Grand Manan, N.B. and Halifax, N.S.

#### HIGH AREAS.

Seven areas of high pressure were charted during the month, four first appeared in the neighbourhood of the Yukon Territory; two in Northern Saskatchewan and one off Vancouver Island. The systems were for the most part energetic and unusually so for so late in the season and they were invariably accompanied by very low temperature conditions,

#### LOW AREAS.

Fifteen areas of low pressure were charted during the month, seven first appearing in the north-western portion of the continent; five in the western portion; one in the Gulf of Mexico off the coast of Texas and two off the United States Atlantic scaboard. A number of the areas were energetic, more so than is usually the case so late in the season, several also developed greatly as they passed off the Atlantic coast and approached Newfoundland, a continuance of the type which was so pronounced during the preceding month.

#### WINDS.

In British Columbia on Vancouver Island and over the mainland the direction was variable with six days with strong and nine with fresh breezes and three gales.

In Alberta and Saskatchewan the north and west directions predominated with eight days with strong and fifteen with fresh breezes and three gales.

In Manitoba the direction was chiefly northerly to westerly with eleven days with strong and five with fresh breezes and three gales.

In the Lake Region the north and west directions were the most general with twelve days with strong and eight with fresh breezes and three gales, the latter occurring on the 7th, between the 8th and 10th, and on the 16th.

In the Ottawa and Upper St. Lawrence Valleys the direction favoured the northeast and west with ten days with strong and nine with fresh breezes and two gales.

In the Lower St. Lawrence Valley and Gulf the direction was almost entirely northeasterly to northwesterly with six days with strong and eleven with fresh breezes and five gales, the latter occurring between the 5th and 6th, between the 9th and 10th, on the 14th, the 20th, and on the 24th.

In the Maritime Provinces the direction was mainly northeasterly to northwesterly with eight days with strong and ten with fresh breezes and four gales, the latter occurring on the 6th between the 9th and 10th, between the 13th and 14th, and between the 24th and 25th.

The gales were for the most part satisfactorily warned, but owing to the unusually late season navigation in several districts had hardly begun even by the close of the month.

#### TEMPERATURE.

The mean temperature of April was subnormal throughout Canada except in British Columbia and Alberta where locally the average was exceeded.

A negative departure of 17.2° was recorded at Chaplin, Sask., and very pronounced deficiencies were general in the Prairie Provinces and over a large portion of Ontario.

The Highest and Lowest temperatures in each Province during March, 1907, were:

British Columbia,	79° ·5 on 20th at Spence's Bridge — 2° ·5 on 1st at Atlin.
Alberta,	69° ·9 on 21st at Lethbridge, — 7° ·0 on 28th at Pekisko.
Saskatchewan,	54° ·0 on 30th at Swift Current, — 7° ·0 on 15th at Chaplin.
Manitoba,	60° ·0 on 30th at Fort Osborne, — 4° ·7 on 13th at Minnedos
Ontario,	75° ·0 on 29th at Chatham and
	Welland, −30° ·0 on 1st at White Rive
Quebec,	67° 0 on 29th at Brome, 0° 0 on 7th at Clarke City
New Brunswick,	67° ·0 on 30th at Moneton, 2° ·0 on 8th at Chatham.
Nova Scotia,	75° 0 on 30th at Wolfville, 10° 4 on 8th at Truro.
Prince Edward Island,	60° ·0 on 29th at Summerside,
	Hamilton and Charlottetown. 9° 0 on 7th at Summerside

#### PRECIPITATION.

The precipitation in British Columbia did not differ much from the average, being slightly in excess of it in some districts and not quite equal to it in others. In the Western Provinces, at Calgary and in the immediate neighbourhood, it was more than twice the average amount. At Swift Current, also, the normal was slightly exceeded, otherwise nearly everywhere else a deficit occurred. In Ontario it was exceeded in the Georgian Bay region but only locally in other districts, many localities recording a negative departure. In Quebec and New Brunswick it was above the average, whereas in Nova Scotia and Prince Edward Island it was very generally below the normal.

#### BRIGHT SUNSHINE.

The amount of bright sunshine recorded during April was supernormal in British Columbia, Southern Saskatchewan, Eastern Manitoba and in the Maritime Provinces; elsewhere in Canada subnormal values were registered. The maximum daily amount, 97%, was recorded at Montreal, Que., on the 11th.

The extremes of departure from normal were +23% at Agassiz, B.C., and -15% at Battleford Sask.

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, APRIL, 1907.

a Parometer not reduced to San Level. \* Stations not furnished with Registering Thermometers.

March   Marc		***	ee e e eesem e me eeseesee	
The control of the	5 11 10 1			
Page			요즘 작소의 취업적으로 그 은 취직하였지만 나는스러	nika nibanjana 486 a
The second   The	alotti	To be dila stal		
The control of the	1		An est assets to seemes when	1000 004000400 000 0
The control of the	TAT		HO H OI D H 000	
Transfer	3		ma eya maken hi a famenhe nene	
Transcription of the property of the propert	PRI	Junomy		
Transcriptor   Tran	4			
Manuflate   Manu	TY O			
Manuflate   Manu	MIN			
The second continued by the	VK			1 5
### Complement   C	-		35 3 3 8 83 6	S :
Control of the property   Control of the p			11 170 37	
The color of the	N C		m= 0 m = 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6
Monthudo			- mm of a	a
Monthudo	IND			o: ::: - : : : : : : : : : : : : : : : :
The control of the				(a   1   1   a   1   a   1   a   m   m   m   m   m   m   m   m   m
Transport   Tran				· · · · · · · · · · · · · · · · · · ·
Transport	ECT			
Comparison	Ditta	E.		
Comparison		N.E.		
### STATES OF THE PROPERTY OF		N.		
### State of the control of the cont	Tlotolo	No. of days compolouded,		
Continue		Mean amount of		
Constitution   Cons				56 45
### 1998   1998	10 91			
Part			the state of the s	
### 1999   1999				
Press   Pres			The state of the s	
25 20.7 20.2 20.2 20.2 20.2 20.2 20.2 20.2	JRE.	JeawoJ		
25 20.7 20.2 20.2 20.2 20.2 20.2 20.2 20.2	EAT	Date.		
26	i -	Highest		
26	ř			<u> </u>
### See See See See See See See See See		Difference from a verage.	T+ 1 T T T T T T T T T T T T T T T T T T	1               ++    +
### See See See See See See See See See		DIGGII.		-ach (xa-navx-a a-a : : : : : : : : : : : : : : : : :
### See See See See See See See See See	-			
### See See See See See See See See See		Range.		
Action by Action 2018       ************************************	UNE	Lowest		- 용 : : : : : : : : : : : : : : : : : :
Action by Action 2018       ************************************	RESE	Highost	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	8 8 8 88
Action by Action 2018       ************************************	=	Mean reduced.		8 5 5 5
.webuthal - 55 8888825255575 525 255 255 255 255 255 255 255				<u> </u>
. And Sandard seed of the Millian Sandard seed of the Milliand Mil	H99	Elevation above		
. And Sandard seed of the Millian Sandard seed of the Milliand Mil		Longitude W.	**	as sessentate ass ses
* ## 20141010 - 2014111111				성은 일목으로 이용하였다 (원급이 일본점
BRITISH COLUMBIA— Alberni Agnesiz Alhulmer Allin Barkerville Bullion Colore Golden Golden Heelte, Candere Massett Annumber Colore Golden Heelte, Cannumber Nelson Nels		Latticude N.	· 38 868822238372 322 222233333333	
BRITISH COLUMBIA— Alberni Agnesiz Athin Coola Burkerville Bella Coola Buillen				
BRITISH COLUMBLY Alberni Agnesia Altin Barkerville Bella Coola Bullion				e i i i i i i i i i i i i i i i i i i i
Buttan Color Agneria Agneria Agneria Agneria Allumer Adilumer Colden Adilumer Colden Adilumud Colden Colden Colden Adilumer Adilu		20	wan.	ton (fee. n.
BRUTISH C Alberni Adhalm Adhin Barkerri		<b>A</b> T:	otto	un M upstor un M selng selng selng lett. Lake Arm land land selng cer
Burns Albert Broom Constitution of the Constit		F 83	Parity of the control	Sign Sign Sign Sign Sign Sign Sign Sign
a y a			Atthe Atthe Atthe Balling	Dort Phin by P
	Į.		ā .	, 6 6 7 8

	om 0000000		
		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N_ = NEC
<u> </u>	ត្ត ភព្ធត្តម ត	5 : 5 55 5 52 5	523535 322 552
	mm shootmin m	3C 3C 51 50 40 51	5-1-1-11 m m / 5
	28 E8E8E 8	- 18 전 1	58555555555555555555555555555555555555
: 2 2 3 22:		m · · · · · · · · · · · · · · · · · · ·	워크늄 프 그 중 건강
	1 : [11]		=======================================
	FR 82888 2	12   1   2   2   3   3   3   3   3   3   3   3	· 유민준이 아이 아이 중요를 통해 하는 것이 되었다.
	He jedene le		
*::::::::::::::::::::::::::::::::::::::		: <b>*</b> :::::::::::::::::::::::::::::::::::	*** * * * * * * * * * * * * * * * * * *
101			11.5
8		.a	<b>全</b> 說
<u> </u>	:::::::		
	6 : : :	- <del> </del>	18 : 18 : 18 : 18 : 18 : 18 : 18 : 18
= : : -= : -= : - : - : = : : : : : : :	111171		32   2
: := :::::::::::::::::::::::::::::::::	<u> </u>	일 : : : : : : : : : : : : : : : : : : :	-19 : 21 : 21 : 21 : 21 : 21 : 21 : 21 :
—————————————————————————————————————			200 - 20 - 20 - 20 - 20 - 20 - 20 - 20
			5 1 1 1 2 5 1 1 1 1 2 2 2
: 53 : 60 : C-00 15 : F 37	7		
	11117	0 0 0 0 0 0 0 0	10 to 10 10 10 10 10 10 10 10 10 10 10 10 10
			1
n . n . n . n . m . x	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
: :3 . : : : : : : : : : : : : : : : : :			23
		91 · · · - © 5x 91x x ·	and the same of th
27 124 144 144 144		-21	200 - 21
			45 6
: 9 : 19 : 19 : 1 : 1 : 15 : 15			
		-31	1-x-x-m xx- m m m m m
25-216 %52885555555555555555555555555555555555	10 10 10 10 10 10 10 10 10 10 10 10 10 1	18: 16: 17: 18: 18: 18: 18: 18: 18: 18: 18: 18: 18	1524244 Les 5 5 5 458
\$3555 555555555	85 125388-2	: 2	1355555
- : : : : : : : : : : : : : : : : : : :			1
Salar Sa	16年   図の中におり辺	9 15 15 15 15 15 15 15 15 15 15 15 15 15	
: 30568 : 33368851 - 3565	: t	a a a ana a ana a a	55888 8 888 3 18 8888
		g : 53	
28288	25 - 15 - 15 - 15 - 15 - 15 - 15 - 15 -	2	5000 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
25 - 6		:유 :도 : :왕 :@#전다 :도구하였 : :	: 3355 - 55 - 65 - 13 - 13 - 13 - 15 - 15 - 15 - 15 - 1
10   10   11   1   1   0   0   1   1		13.1 13.1 13.0 11.0 11.0 11.0 11.0 11.0	2
: '   '     : '     : '   :   :   :   :	:		
######################################	88 8888 88 81 82 88 88 88 88 88 88 88 88 88 88 88 88	22 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	281-x0-6 1-1-6 5 2 82222
	:		:PL &
30 02 30 53 29 41 1 109 30 02 30 45 20 22 1 26 30 01 30 13 29 29 1 1 4	80. 15. 85. 15. 15. 15. 15. 15. 15. 15. 15. 15. 1		30 - 05 - 30 - 55 - 25 - 37 1 - 20 30 - 05 - 30 - 55 - 25 - 37 1 - 20 30 - 05 - 30 - 55 - 25 - 37 1 - 20 30 - 05 - 30 - 55 - 25 - 37 1 - 03 30 - 05 - 30 - 55 - 25 - 37 1 - 03 30 - 05 - 30 - 55 - 30 - 55 - 10 - 03 30 - 55 - 30 - 55 - 10 - 03 30 - 55 - 30 - 55 - 10 - 03 30 - 55 - 30 - 55 - 10 - 03 30 - 55 - 30 - 55 - 10 - 03 30 - 55 - 30 - 55 - 10 - 03 30 - 55 - 30 - 50 - 5
· · · · · · · · · · · · · · · · · · ·	: : : : : : : : : : : : : : : : : : :	[2] 	원원 : 영 : 영우 : : : : : : : : : : : : : : : : : :
		- 51 - 10 - 1	1 1 2 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1
30-11			20.05 20.05 20.05 20.05
30.02.30.53		\$. •	39 - 67 - 35 - 36 - 37 - 37 - 37 - 37 - 37 - 37 - 37
		0554683968 (B): 20 192	
	2130	1802 1620 1620 1665 1665 1665 1665 1665 1665 1665 166	
128723~2×88838383 2838	8 <u>= = = = = = = = = = = = = = = = = = = </u>	188 - 2 3 5 T	3. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.
######################################	88   2   8   8   8   8   8   8   8   8	######################################	THE
82952 5288855485545555		855 855 255 255 255 355 355 355 355 355 355 3	
<u> </u>			
ar	3 :	4 :	ke
(Ex	THE ENTER OF THE PARTY OF THE P	na n	Alak Alak Alak Alak Alak Alak Alak Alak
berta— like as the pass of the	incher C ekisko ed Willo cd Deer aber aber ictoria fetaskiw fattettekon ort Vern	on Jensey of Jen	hion Lake. hion Lake. hion Lake. hiyabelle cogina. F. Polor's weif Curcent weif Curcent Millow Bunch. Millow Bunch Millow Mi
ALMERTA— Athabasea Landing Alix Alix Hardfulds Blackfulds Bon Accord Calgary Calgary (Calgary (Exan) Didshury Edmonton Cinchen Hilsdown Hillsdown Hillsdown Hillsdown Hillsdown Hillsdown Lawyenco Lawyenco Lawyenco Lawyenco Lawyenco Lawyenco Lawyenco Andreiro Madieriou Hat. Marterou	Pincher Creek. Pekisko Red Willow Red Deer Threehills Creek Wetaskiwin. Wetaskiwin. Witafelfeld Phareyeau Fort Vermillon	SASKATCHEWAN— Alamoda Battheford Breadview Caminigton Munor Creasent Lake Creasent Lake Chaplin Inck Lake Chaplin Inck Lake Gatesgerth Gatesgerth Greafelt Inmboll Inmian Head Louberg Moose Jaw Moose Jaw	Melfort. Onion Lake. Prince Albort. (W. Appelle Regina. Regina. Resistation. Willow Bunch M. Narrois. Almasippi. Hrandon Brandon Gribbery. Chambel Island Charbery. Bauphin Emerson Charbery. Hillytew Minnedosa. Minnedosa.
ALIBERTA ATRA ATRA ATRA ATRA ATRA GRANTE Blockfor Calgary Calg	アプススサラシングで	X	Z

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, APRIL, 1907.

	Aritto	No. of thundur ele			= e = .			0 1 1	1000	0 0		250	-5		11071	-00	-5:::== -5:::==	
	1	And at the days.		21 71	5 = 1	2	515121	232	14/14	£ F,	EEST	7.7.1	849	SORE	2552	121-5	EARLE	715
	.01 II	I a l dim a cell		4	-	/	12 20 1-		2021	_	=1-717				1221		manny	/ 00
	1 4	He tyle Call			===	- 12	8 4 17	25	2222	H 4		373		1882	7721	122	REESR	25
	T.Y	ון שובה		= :	32	. =	55	23	EE	- 5	1= =	RUN		1829 1910 0	RSE		E528	SE
	THE	morte ored d				~		7.7	7.0.7	~ ~	[]		1 1	-4 A	metry	==	9293	
	PRE	Arnenth			. A.S	2	825	2121	48.47 *******	n -	m4633		wase-		2255 -225	21.2	55333	22
	-	<u> </u>	-				:	-									==	
	â	Pate and direc-			=	-2	=	7						7 112			NE NE	
		14 .00ILE:	-			· ·		21										
	KLOOITY WIND,	e'zab i- odgell				Ä	7							Si			Z.E	
	N N	ler hour,			=						Ξ =							
	-		8	-	â	ā	-	2.5	8	ā i	5 8 5		ā I Ā	555	35	ā	RER	
		Testanua IstoT	- :			- 5.		0.5			2 m 2			ms-	20 21		5-0	
	,	.D					Ξ	125	6.									
10	FROM	Z'AL"			2	110	- 54	22 43	73	Fi -	2 2 2		= 51 Si	2 m m	-7	-	522	
Thermonette		11.	-		00	£=	22	22			ia o		-57	1-25	2-	642	N x su	
2112	WIND	:w:s			- 1900	273	C.s	VD 8-	::-	on a	221 —		-122	2012	= =	22	21 × 62	
Ė	lh C	·S	-	1 : .			22	- C =	oc	In I	~ 2 ~		mmi	mga	24	-	= 7175	:
	N. C.			1	- 40	×.	21	74-	- 00 - 1	3	- i		=	n=m	==		कृष्णका -	:
with Registoring	Dinastion	.3.8				0		2115		7 3	121 0		o=m	+ y y	20.00	l	20 m -	::
tricis.	DIR	E				4								3.2-	- 21		21	
H. H.		Z.E.			24			20	:	:								
		Z.	00			~	i i e	.48	,= '	a : . 7	- 경 프		578	무현%	*5	ē.	1 at = 0.5	
not furnished	Cranard	So. of days comp			: .!- :	-		9 78	21		1			<u> </u>			m= ::	
rup		cloud,		: : :	19	- 5	- 42	-C			0 0			wnv		-	214 1	1
ot fu		humidity.											: : :	,	4 5			-
IM DE		dewpoint,							-							- :	. 1.1	
Stationa	10 911	Mean temperatu	-			-												: .
Str.		Mean dally Tange.		E . E	222	5.91	252 252		222	1 15	NN N N -	19,00	2 22	<u> </u>	9 = 3 :	y y.	Bettt	اۋ
		Date.	0.47 0.48	2 2	222	22	- 3	- 217	1-21-2	3 · 23	71-24	C 214			1 01 01 1	= 21	212121212421	21.01
rel.				= 1=	1000	.71	EEP	- E !- 2	5000								A = 27 = 5	33
Lavel	7KE.		. ***	1 22		162	20.40	≈"≃	= - 1- =		wi-ni					ñ≌	22222	19.5
Sea.	TRMPERATURE	.otsa	Ē	51 (3)	ারপ্রক	Æ	왕왕의	mass	6666	1 345	313, 313,	151315	13315	3868	3,3,313	5 51	200	हैं। ही
110	T III	Highest.	100		400	%	TEE.		\$155 ×		5 5 % 5						esses esses	==
ne	I'RM	Years observin	21	2 B	388	16	-×5	28.85 28.65		-55	28888 8928		1282	6666 5857	10000 10000 10000	514 55	22.656 55867 58867	0 18 70 7 12 88
PIN		from average.	21 × 101	3 1 18	3152 9-14 125	-5:	- C	25.50 25.50	2000 2000 2000 2000 2000 2000 2000 200	- 5 A	6 18 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1251 11-x	10 4 4 10 4 4 10 4 10 4 10 4		20 20 cm	18	2 10 10 10 10 12	95
not		Difference				71		7191-	2000						केलच्य	5.0	-5-1-1-	1-0
eler		Меви.	e. 96	1 E	202	Zi.	898	5335	RREF	ERR	REAR RANKE	i Al Al	RAR	RRRR	RÉSH	Eβ	RAHAH	RR
a Parometer not reduced		Range.	=		7 .	-	<u>×</u>	E		::	Ŧi.			B #			-	-
17.	24		<u>É</u> -		N BE SHOW BY	S1-1 S1 IS 19 18 18-18	ST 101 42 19 (820 ) AC	=			- 22			8 8 8 8	-	-	=	
	TRESEUTE	Lowest	ë		8 1	<u>F</u> 1	ñ				30 00 30 72 30 13						20 98 90 50 20 11 1	
	REEN	Highest	ij		음 : 1 원	8	- E	E			74						7.	
1	-	Mean reduced.	i		20.	¥.	- 4	5			3			2 3			ž.	
				_ :	3	- E			,~ ~ .~		- E			3 8			<u>्</u> ही	
	W95 0	Flevellin feet,	110	Ž.	1289	ĒĒ	255	22	378	888	_							23
		Longitude W.		<u> </u>	imie.	21-	8222		AAGE		BIRS	YES	932	7=52	335-	HE:	seees	185
		"M abatimool			ERRE!						2225						2 2 2 2 2 2 2 2 2 2 2 2 3 3	
		Latitude N.		188	14 ma 1838:	5 18 5 5			10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						5885	10100	- 1 <del></del> 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	- 20 24
	-																	-
- 1		6			_:											:		
		ż		.=	1							12						
		BTATION.	311.	File F	N. C.			_		lan.	~	3.5					=	
		[A]	5	Tall In	1 E :	şi.	Till	N N	me.	Tr.	HE.	don x .	FIELD	AT.		2		
		8.1	MANITORA Con.	Pakdale Park, Pipestone, Portage la Prafrie	ast. Albans (Aweme) astony Mountain Viederne	Winnipeg.	Copper Cliff Kenora Port Arthur Savanne	White Elver Alton, Barrie	Sala Scatrice Sruce Mines Tinfon	Collingwood Coldwater Cockburn Bland	Gravenburs Hantsville, Ontleybury Ustowel	Jake Tuton (Calvin) Imeknow Menford	North Bruce Owen Sound Oriblia	Southmorton Sutton West	Fringly Statisford Forting	The the training	London Port Stanfoy Port Daver	z. <u>=</u>
			IN II		Stony Min	Winnip Winnip	Copper Kenora Port Ar	White Alton. Barrie	Sela Series Tint			New York			Frinch Structum Structum	Taring de la constant		Yar.
			Z.		199	ő	, , , , , , , , , , , , , , , , , , , ,			550			,					

	0=0====================================		ON	· cocht -ale
	0-00000000000	21200210-0	To of contains recomme	92002020
	02000000000000000	500000000	00 0 3000000000000	=======================================
	5 85688852 82888	-28342333333	######################################	
	∞ :000-00-00-0 :00-00-0	SexSinance :	en la la englación de la engla	51-4511-62-69
		The state of the s		
	98548654944 (888899	128354443588		<u> </u>
	2882 2 : 352X	28 3822 :	- 55 15 15 15 15 15 15 15 15 15 15 15 15	25.4 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5
		22 12222	4 6 4 464 4	
	, +   :	+ 1 + :	<u>,+ +</u>   + +	
	ARESTER SERVER	是2000年8月20日 ·	- 원호 왕 (동청구남원왕남표종4표의의	경우경경구유대학자리
	2424-21-21- (-0101-01	21 C = - 21 21 22	Commission Commission	
			2	
			8 1 2 1 1 1 1 1 1 1 1 2 1 2 1 1 1 1 1 1	
	1 3 :::::::::::::::::::::::::::::::::::	1 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u> </u>	<del>5</del>
	31	<b>4</b> • • • • • • • • • • • • • • • • • • •		- 1 · 1
		. P : : : : : : : : : : : : : : : : : :		20
	: : : : : : : : : : : : : : : : : : : :	. :::::::::		1 . 1:1.
	::2::::::::::::::::::::::::::::::::::::	T	- <b>5</b>	
_				
	: :8 : : : : : : : : : : : : : : : : :	[홍 ] : [윤종 (윤종 : :		BRES   48
	. 20	91::00:180::		0=0= 00 111
	: :2 : : : : : : : : : : : : : : : : :	용 : : :윷윷 :여러 : :	Ro B GERTER Roll X	물투통합 (결화 : )
		- Da GI	\$25 to \$20 c \$20 c \$2 c \$2 c \$2 c \$2 c \$2 c \$2	三二四姓 一世
_	- : : : : : : : : : : : : : : : : : : :	n : no 21-	<u> </u>	F-0 = 2 - 21 - 0 - 1 - 1
	: :c : : : : : : : : : : : : : : : : :	= : : : : : : : : : : : : : : : : : : :	ww 17 18 −00 N −01 140 0	C C 5100 5100 ; ;
			342 10 -C2-MH0 CO	
	20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1	0.00	32 6 -02-840 C- 0	
		9:::00::-9::	2	ក្នុង ១១ ១១
	: 22 : : : : : : : : : : : : : : : : :	.4 · : : : : : : : : : : : : : : : : : :	92   1   100 m 9 H 7 H 1   1   1   1   1   1   1   1   1   1	w-25 Es : : :
_			ಜಿವೆ ೩ ನೆಜರಿನಿರಲ್ಲಿ ರಚ ೫	. ದುಚಿಟರ್ =ಬ
	52		82 / 212 17 12   31   1	
	: : 00 : : : : : : : : : : : : : : : :		14	S S S S S S S S S S S S S S S S S S S
				end .
	: : 🚗 : : : : : : : : : : : : : : : : :	(a) : : .u : : .a.u : :	· · · · · · · · · · · · · · · · · · ·	12 - 12 (teller )
				3
				1
	:::::::::::::::::::::::::::::::::::::::			
	F :300-44000000-0000	02-64-64-64	8   1   8   8   1   1   1   1   1   1	-01-0
	<u>86555555555555555555555555555555555555</u>	2522 2522	<u> </u>	Searchards:
	- 01010101001001001-01-0101			
	— <u>000000000000000000000000000000000000</u>	3		2 40 2 11 14 14 14 25 65
		29	± 1	
_	- indiagondmen-m-mi	1	00 0 :0000000 H-200 20 8 :1000000 H-200 20 8 :10000000000000000000000000000000000	******
	######################################	9922229393	20 8	2212121200 00000000
_	<u> </u>	9922229393		
_	<ul> <li>29 29 20 20 20 20 20 20 20 20 20 20 20 20 20</li></ul>	34355555555555555555555555555555555555	41 - 20 - 20	2288882288888 22125232526
	8 888888888888888888888888888888888888	**	25	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
_	8 888888888888888888888888888888888888	**	25	288 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
	8 888888888888888888888888888888888888	**	25	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	8 888888888888888888888888888888888888	**	25	2288882288888 22125232526
	1.9   1.0	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	+ 12247701725 100 - 17351701725 100 - 173517001725 100 - 17351700 25 000 - 17351700 25 100 - 17351700 2	112 30 (65:0) 11.8 8 0.4:0 11.8 8 0.4:0 11.8 8 0.8:0 11.9 9.2 8 0.8:0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 9.9 9.9 9.9 9.9 9.0 11.9 9.9 9.9 9.9 9.9 9.9 9.9 9.9 9.0 9.0 9
	1.9   1.0	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	+ 12247701725 100 - 17351701725 100 - 173517001725 100 - 17351700 25 000 - 17351700 25 100 - 17351700 2	112 30 (65:0) 11.8 8 0.4:0 11.8 8 0.4:0 11.8 8 0.8:0 11.9 9.2 8 0.8:0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 11.0 11.9 9.9 9.9 9.9 9.9 9.9 9.9 9.0 11.9 9.9 9.9 9.9 9.9 9.9 9.9 9.9 9.0 9.0 9
	38.3	37.1 - 3.9 21.1 × 29 25.0 × 29 25.0 × 29 25.0 × 29 25.0 × 29 25.0 × 29 25.0 × 29 25.0 × 29 25.0 × 20 25.0	29.9 + 1.2 22   10.0   13.0	35.7. 1.2.30.650 38.5.1. 1.2.30.650 37.5. 2.2.35.30 38.5. 1.2.35.30 38.5. 1.7.35 (8.0.30) 38.5. 1.7.35 (8.0.30) 38.9. 1.7.35 (8.0.3
	36.3 — 1.9 H 67.0 S 12.0 S 12.	37.1 - 3.9 21.1 × 29 25.0 × 29 25.0 × 29 25.0 × 29 25.0 × 29 25.0 × 29 25.0 × 29 25.0 × 29 25.0 × 20 25.0	29.9 + 1.2 22   10.0   13.0	35.7. 1.2.30.650 38.5.1. 1.2.30.650 37.5. 2.2.35.30 38.5. 1.2.35.30 38.5. 1.7.35 (8.0.30) 38.5. 1.7.35 (8.0.30) 38.9. 1.7.35 (8.0.3
	36.3 — 1.9 H 67.0 S 12.0 S 12.	111 85 1 - 3.9 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	29.9 + 1.2 22   10.0   13.0	35.7. 1.2.30.650 38.5.1. 1.2.30.650 37.5. 2.2.35.30 38.5. 1.2.35.30 38.5. 1.7.35 (8.0.30) 38.5. 1.7.35 (8.0.30) 38.9. 1.7.35 (8.0.3
	36.3   1.0	111 85 1 - 3.9 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	29.9 + 1.2 22   10.0   13.0	H 128 35.7 1.230 65.0 29 2.0 H 128 35.7 1.230 65.0 29 2.0 H 128 35.7 1.230 65.0 29 2.0 H 128 35.7 1.230 65.0 20 2.0 H 128 35.7 1.230 5.0 H 128 35.7 1.230 5.
	28.3 - 1.0 H 67.0 28 12.0 1 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	111 85 1 - 3.9 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22.2 11.145.0 17.25.0 1. 22.0	29 11 22 30 65 0 29 2 0 29 12 3 3 5 7 1 2 30 65 0 29 2 1
	28.3 - 1.0 H 67.0 28 12.0 1 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	111 85 1 - 3.9 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22.2 11.145.0 17.25.0 1. 22.0	29 11 22 30 65 0 29 2 0 29 12 3 3 5 7 1 2 30 65 0 29 2 1
	28.3 - 1.0 H 67.0 28 12.0 1 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	30.50 (30.75)	22.2 11.145.0 17.25.0 1. 22.0	29 13 1 2 30 65 0 29 2 0 20 1 20 65 0 29 2 0 20 20 20 20 20 20 20 20 20 20 20 20
	28.3 - 1.0 H 67.0 28 12.0 1 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	30.50 (30.75)	22.2 11.145.0 17.25.0 1. 22.0	2.30° 12 gard 81 - 34
	20 55 20 - 56 20 - 58 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	29. 30. 50. 20. 20. 51. 11. 25. 1. 1 - 3. 9. 27. 1 × 29. 27. 1 × 3. 65. 20. 20. 20. 1 × 3. 65. 20. 20. 20. 20. 20. 20. 20. 20. 20. 20	29.2 - 11.15.0 7 22.0 1.2 20.0	29-54 30 12 29-08 1-34 28-7 1-2 30 69-0 29 21 0 29 54 30 15 29 21 0 29 54 30 15 29 21 0 29 54 30 15 29 23 30 17 0 29 54 30 29 20 30 20 30 20 20 30 20 20 30 20 20 30 20 20 20 20 20 20 20 20 20 20 20 20 20
	20 55 20 - 56 20 - 58 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	30.50 (30.75)	22.2 11.145.0 17.25.0 1. 22.0	2.30° 12 gard 81 - 34
	1199  1980	522 28.91 30.50 29.33 1.11 37.21 — 3.924 71.8 29 9.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30	24 24-52 30 12 24 18 1 23 35 7 1 2 30 167 0 25 2 1 0 1 2 30 167 0 25 2 1 0 1 2 30 167 0 25 2 1 0 1 2 30 167 0 25 2 1 0 1 2 30 17 0 20 2 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0
	1189 15 200 17 577 18 58 3 12 12 12 13 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	35   522   32   33   50   24   53   11   37   1     3   921   17   8   99   99   99   99   99   99   99	22.2 1 1 15.0 1 1 2 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 1 2 1	29. 21 24-52 30 12 24-14 1 24 1 1 2 30 164-0 25 2 1 0 1 2 30 164-0 25 2 1 0 1 2 30 164-0 25 2 1 0 1 2 30 164-0 25 2 1 0 1 2 30 164-0 25 2 1 0 1 2 30 164-0 25 2 1 0 1 2 30 164-0 25 2 1 0 1 2 30 164-0 25 2 1 0 1 2 30 164-0 25 2 1 0 1 2 30 164-0 25 2 1 0 1 2 30 164-0 25 2 1 1 2 30 164-0 25 2 1 1 2 30 164-0 25 2 1 1 2 30 164-0 25 2 1 1 2 30 164-0 25 2 1 1 2 30 164-0 25 2 1 1 2 30 164-0 25 2 1 1 2 30 164-0 25 2 1 1 2 30 164-0 25 2 1 1 2 30 164-0 25 2 1 1 2 30 164-0 25 2 1 1 2 30 164-0 25 2 1 1 2 30 164-0 25 2 30 164-0 2
	March   Marc	7.8 (S. 1871)	66. 12. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	65 29, 21 29 82 30 12 20 18 1 35 7 1 1 2 30 66 10 29, 2 1 0 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1
	March   Marc	35   522   32   33   50   24   53   11   37   1     3   921   17   8   99   99   99   99   99   99   99	43, 79, 22 46, 61, 62 46, 61, 62 46, 61, 62 47, 61, 62 48, 61, 62 49, 61, 72 40, 61, 62 40, 61, 62 40, 61, 62 40, 61, 62 40, 61, 62 41, 62 42, 63 43, 63 44, 71, 13, 286, 29, 31, 62 47, 62 48, 63 48, 63 49, 63 40, 63 40, 63 40, 63 41, 63 41, 63 42, 63 43, 63 44, 63 45, 63 46, 63 47, 63 48, 63 4	Section   Sect
	23 81 0 1191	7.8 (S. 1871)	64. 12. 22. 24. 11. 15. 0. 17. 22. 0. 1. 16. 0. 18. 0. 19. 0. 17. 22. 0. 1. 18. 0. 19. 0. 17. 22. 0. 17. 0. 19. 0.	65 29, 21 29 82 30 12 20 18 1 35 7 1 1 2 30 66 10 29, 2 1 0 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1
	23 81 0 1191	25. 78. 57. 57. 57. 57. 57. 57. 57. 57. 57. 57	10	Section   Sect
	13   13   14   15   15   15   15   15   15   15	11 19 75 5 75 75 75 75 75 75 75 75 75 75 75 7	10	Section   Sect
£.	13   23   81   0   1191   11	11 19 75 5 75 75 75 75 75 75 75 75 75 75 75 7	10	Section   Sect
ded.	13   23   81   0   1191   11	11 19 75 5 75 75 75 75 75 75 75 75 75 75 75 7	10	10   38   65   12   12   12   13   13   13   13   13
Auded.	13   23   81   0   1191   11	11 19 75 5 75 75 75 75 75 75 75 75 75 75 75 7	10	10   38   65   12   12   12   13   13   13   13   13
oncluded.	13   23   81   0   1191   11	11 19 75 5 75 75 75 75 75 75 75 75 75 75 75 7	10	10   38   65   12   12   12   12   13   13   13   13
-Concluded.	13   23   81   0   1191   11	11   15   78   78   78   78   78   78   78   7	10	10   38   65   12   12   12   12   13   13   13   13
to-Concluded.	13   23   81   0   1191   11	11   15   78   78   78   78   78   78   78   7	10	10   38   65   12   12   12   12   13   13   13   13
ARIO—Concluded.	13   23   81   0   1191   11	11   15   78   78   78   78   78   78   78   7	10	10   38   65   12   12   12   12   13   13   13   13
NTARIO-Concluded.	13   23   81   0   1191   11	11   15   78   78   78   78   78   78   78   7	10	10   38   65   12   12   12   12   13   13   13   13
Ontario-Concluded.	13	11 19 75 5 75 75 75 75 75 75 75 75 75 75 75 7	15 43 79 22   14 15 10   17	ANTER  1 3 65 29 21 24 52 30 12 24 13 15 12 30 167 0 25 27 0  1 4 65 22 34 24 24 24 24 24 14 15 24 167 0 25 27 0  1 5 57 65 25 34 34 15 24 14 15 24 14 15 24 14 14 14 14 14 14 14 14 14 14 14 14 14

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, APRIL, 1907.

a Barometer not reduced to Son Level. \* Stations not furnished with Registering Thermometers.

	7 11 1	m 0 0% H50801	355	1000	
in in	Note of 10 1 ( V )		= = =	5 5 5 5	-
	to for the mental	T 7 EF (5/4)	228 221	1 - 2	
	11 meo 13	E 5 79 - E775	45E	A 82	9.
L 7.163	Ilal lesive III	2 2 22 22 27	= -	1 1921	<u>a</u>
E	mort constalt (]		C	71 7 7	21
PEE PITATION	JunotuV	es or our measures	828	8 34 5 25 	83 22
2	lone and direc-	#	N.	16×w	15 x w
VELDETTY WIND.	Highest day's	<b>3</b> 3 5	\$1	5	<b>8</b>
VELV	Mean miles				
	Total number of observations.	8 8 8 8 8 8 8 8	ēā	8 88	9
	C.	m = 22 c. co	š! =	·m ==	10
Mostal	8.45	20 C 21E E 212	==	0 -0	÷1
7 2	11.	E 0 05 3 00		21 = w	
WIND	3.11.5	14 3 5 8 B 8 B		1 × × ×	=
Off.	's	15 0 0E 0 1-X	-0	2.9 ole tem	W.
NO			T 21	8 20	ā
Musernon	3.8		tell gas	<u> </u>	-
E	E		1-24	0 31-	47
	X.E.		21.0	21 8131	-0
	.8.			9 9	
[c1c]2,	No. of days completed.		Ž.	x	
	Mean amount of cloud.	(# )	•		
	Mean relative				
10.2	dewpoint,		1 1		1
1	ranke.	10 10 0 712 0 0 0 m to 00 11 m	nxc	9 5 15 6	. =
	Date.	X -1- 1-1- X X X 2-X	921-	Fra Co.	
25	Jeswol	E = 25 2222	200	2 :	9.59
TEMPERATURE	I)ato.	8 8 88 85898	283	- 홍 - 환역	हैं।
41.10	Highest.	2 0 00 00000 2 0 0 0 0 00000	233	30.00 30.00 17.10	9.12
2	Tenra observin	# 2 #2 %35#2	200	2-32	91-1-
	Philierance from average.	ਜ਼ਿੰਦ ਦੇ ਸਮੇਸ਼	=0	71 7 =	-
		### ### ## ## ## ### #################	### F- = %	# 5187 # 5187	2
T.	Mean.	संस्कृतिस्त सह है।	## T		
	Range.		21 : :	1112	-0
1 KK	Lowest.	28 E	2) (3		2
PRESENTER	Плкрень	8 8 8	29.51/30.51/20 (2/1		30.08 38 32 72 0.68
	Mean reduced.	នា នា :: នា		8	
В	Elevation above ser	88 22233 2382	%		151
	Longitude W.	. 232532225555 . 232532255555	888 53.2	로 주었습니 연극성(5명	ē 5
	.N. obuilial	######################################	232	##### ######	24
	STATION.	Nova Scotta Bridgetown Hadfax allicton allicton Solder Shard, E. Point Sable Island, M. Slation. Wolfville. Wolfville. Whitehead Yarmouth	P. E. Island Charlottefown Hamilton Summersido	NEWFOUNDLAND  Channel  Che Sornau  Tont Rich.  St. John's	Bermuda Prospect

## PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER, &c., DURING APRIL, 1907.

		RAI	NFA	L L		8	= 8 N O W	FALL			
STATION.	Amount in inches	No. of Days, '01, or Over	Fair	Heaviest Fall in Month	Date	Amount in inches		He eviest Fall in Month	Da	ile.	REMARKS.
British Columbia—  Denman Island Goldstream Lako Hartley Bay Nanaino Naas II arbaur Somas River Royal Oak	in.  5130 5-16 7-19 2191 2111 7-60 1189	5 11 14 4 7 9	25 16 11 22 22 21 21	in.  2:60 1:52 0:85 1:44 1:17 1:96 0:55	8 5 19 9 9 9 9	in,	`` 1 	in.		1	Gales 3rd, 7th, 8th. Thunder 2nd.
ALBERTA—  Bruederheim Bittern Lake. Bardo Beaver Hills, W Bismark. Contts. Conjuring Creek. Clover Bar.	R				18	215 415 115 319 018 1310	2 4 3 1 1 7 3	1.5 2.0 1.0 1.5 0.8 3.0		$\begin{array}{c} 2\\1\\17\\3\\2\\-23\\17-26\end{array}$	4 below zero on 26th & 27th.
Doronsee Grassy Lake. Heather Brao Innisfail Islay Josephburg. Jumping Pound	0°25 0°05 0°03 0°75	1 1 1 6	27 24 21 20 26	0°25 0°05 0°03 0°11	21 23 23 23 22 22 23	1.5 10.0 1.5 10.0 1.8 6.0 *	3 3 5 5 4 4 7	6:5 3:0 0:5 2:0 **		17 27 14 16 17 —	Ground frozen 1 ft.
Lacombe Magruth. Maeleod. Mayton Morinvillo Okotoks Ponoka Saddlo Lake Sion Stirling Vermilion Wabamun					22	30.0 7.0 3.8 8.5 * 3.2 9.0 2.8 4.2	3 1 3 3 6 6	18°0 7°0 1°0 1°5 * 2°2 6°0 2°8	16-22	6 27 -17 23 2 17 -6-7 25 17	
SASKATCHEWAN—  Elm How						8:0 10:0 2:0 8:5	3 5 6 11	6-0 4 0 1 0 3 0		3 3 5	Aurora on 3, 5, 13, 15, 16, 18
Manitoba— Cartwright Greina Norquay Rapid City				0.62	28	12 8 12 5 15 5 4 8	7 6 01 4	4:0 3:0 3:0 2:0		3 16 4 3	—1 on 16th.
ONTARIO—  Arden Aurora. Croydon Dutton Dutton Deer Park Ennismore Emsdale Goderieh Georgetown Huntsville Lansdowne. Midland. Montague.	1 '81 0 '60 2 '34 0 '92 2 '37 1 '25 1 '46 2 '81	10 7 22 3 7 2 7 3 12 2 3 12 2 3 7	18 19 25 26 23 24 19 26 9 21 25 22 22 22 22 22 23 24 25 25 26 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	0.72 1.39 0.80 1.06 0.77 0.50 0.87 0.60 1.01 1.15 1.09 0.90	30 30 25 30 30 30 30 30 30 30 30 30 30	7:0 0:6 5:0 * 9:0 6:0 1:0 0:9 11:8 6:0 3:0 4:5	1 3 3 1 1 1 1 1 1 2 7 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3°0 0°6 3°0 4°0 1°0 0°6 0°5 3°0 2°0		8 15 8 - 16 25 17 12 25 10 16 10	Thunder 30th. Thunder 20th. Thunder 30th,  Thunder on 30th. Aurora 5th, thunder 29th. Aurora 5th, fog 16, thun. 29. Thunder 29-30.
MacCue. Orangeville. Princeton. Parma Strathroy. Sunnyside Sydenham Westport. Wiarton Wystyon	2.61 2.28 1.80 2.14 1.32 1.80 2.30 1.30 2.30	6 6 3 5 5 6	22 26 20 25 23 22 22 20 19 23 21	0 98 0 75 0 164 0 75 0 75 0 64 0 64 0 75	30 30 30 30 30 30 30 30 21 29 30 30	13·2 0·5 0·5 5·5 7·5 8·5 6·8 2·0	3 4 4 5 6 4	3:1 0:5 5:0 3:0 3:0 3:0 3:0 1:0		13 10 8 8 8 10 16	Lako elear of ico. Thunder 30th, Thunder 29th, Thunder 30th, Thunder 29, 30, Thunder 29, Thunder 28, 29,
Watford Westminster  NEW BRUNSWICK— Point Escuminae	0.19	2	18	0.73	29	26.0	6	8.2		2	Thunder 29-30. Auroaa 21.

PROPORTION OF BRIGHT SUNSHINE REGISTERED IN EACH HOUR OF THE DAY DURING WHICH THE SUN WAS AROVE THE HORIZON IN THE MONTH OF APRIL, 197.

								110	icis l	ENDIN	G						
STATIONS.		5 n. m.	6 A. III.	7 a. m.	K A. III.	9 a. m.	10 a. m.	H a. m.	Neon	1 p.m.	. p. m.	3 p. m.	ED. 111.	5 p. m.	6 р. т.	7 p. m.	s p. ni.
Victoria Nanatino			0 01	0.25	0.48	0 51 0 61	0 54	0.64		0159	(1.20)	0.64	0.68 0.72	0 61	0.630	0.01	
Agassiz Kamloops Sayonus	•••		0 01 0 05 0 05	0.31 0.39 0.30	0.48	0 61 0 57 0 61	0.64	0.61	0 67 0 67 0 03	0 61 0 65 0 65		0 67 0 69 0 59	0°55 0°60 0°57	0 31 0 45 0 51	0 21 0 26 0 57	0.02	
Calgary		*	0.31	0.36		0:51	0 57	0.163	0:65 0:64	0 70 0 63	0:70	0:65	0.61	0 61	0.43	0 16	
Medicine Hat Hattleford Indian Head	••	9163	0.00	0°47 0°01 0°27	0 35 0 27 0 45	0 63 0 64 0 53	0 52	0.53	0.56,	0.55	0 64	0 61	0.63	0.49	0.01	0.00	
Winnipeg			0 0n 0 12 0:00	0.06 0.42 0.19	0:52		0 59 0 66 0 51			0 62 0 65 0 47	0.08	0 51 0 65 0 44	0.61	0.59	0:18 0:27 0:16	0 02 0 01 0 t0	
Toronto . Lindsay . Barrie .			0 00 0:04	0°19 0°17 0°37		0.18	0.51 0.54 0.51	0 53 0:56 0:53	0.50		0°50 0°45 0°51,	0:49 0:44 0:51	0.41 0.26 0.51	0.33	0.55	0.00	
Gravenhurst			0.05					0.61				0.56					
Kingston  Ottawa  Montreal			0.05		0.45	0:54	0.62	0.60	0:56	0.60			0.42	0 33 0 42 0 32	0:30	0 00	
Sherbrooke			0:14		0:47	0.51	0:51		0.59	0.51	0149 0155 0144	0°49 0°56 0°47	0:51	0:43 0:18 0:34	0.25		- Annual Control of the Control of t
Charlottetown.			0 01	0.05	0.29	0.46	0.49	0.28	0:59	0.58	0.56	0.58	0:49	0 41	0.23	0.14	

				-																		- 7	- 7		
-	Vietoria.	Nanaimo.	Agassiz.	Kamloops.	Savonas.	Calgary	Edmonton.	Medicine Hat.	Battleford.	Indian Head.	Brandon.	Whnipeg.	Wondstock.	Toronto.	Lindsay.	Barrie.	Gravenhurst.	Haileybury.	Kingston.	Ottawa.	Montreal.	Sherbronke.	Quebec.	Frederleton	Charlottetw'n
Mean propor- tion for month Constant sun- shine being 1	0.53	0.57	0:47	0:51	0:55		0:53	0.44	0:36	0:45	0:42	0.51	0:35	0:39	0.36	0.10	_	0.45	0:40	0.43	0:11	0:45	0:42	0-100	0.39
Difference from average.	+ 0 13	-	+ 0.53	-	-		-		0°15	F0 07	-0:13	+0.02	-0.13	- 0:10	-0.11	-0.02		-	0:07	0:02	0:08		-	+ 0.02	-
Maximum daily amount.	(1:30	11.83			0.81	_	0.01	0:33	0.71	0.87	0.84	0:90	0.86	0.83	0.56	0.88	-	0.87	0.81	0.87	0:97	0:91	0:81	0 93	n 86
Date	21	0-1	{ 27 28	26	10	-	23	28	27	15	24	9	20	22	20	1	-	20	27	15	11	6	7	7	7
No. of days clouded	3	3	6	1	0	_	3	6	6	1	3	. 3	7	6	9	5		- 4	-4	5	7	5	1	10	6

Aurora recorded :-

- Where the class of aurora is noted by the observer, it is given, (I) being the brightest, (IV) the feeblest in brilliancy.
  - 3. Insinger.
- 5. Madoc, IV. Bruce Mines, IV; Lucknow, IV; North Bruce, Chaplin, III; Insinger, Emsdale, Georgetown.
  - 6. Cape Chatte, IV; Clinton, I.
  - 7. Paspebiac, IV; Victoria, Alta., III; Fort St. James.
  - 8. Cape Chatte, IV; Waitefield, III; Hillsdown, IV; Chaplin, IV.
  - 9. Paspebiac, IV; Treherne.
  - 11. Waitefield, III; Fort Vermilion, IV.
  - 12. Fort Vermilion, IV.
  - 13. St. Albans, IV; Waitefield, IV; Insinger; Fort Vermilion, IV; St. Peters, IV.
  - 14. Madoc, IV; Cockburn Island, Waitefield, III; Red Willow, Salmon Arm.
  - 15. St. Albans, II; Waitefield, II; Victoria, Alta., Insinger; Fort Vermilion, II.
  - 16. Insinger; Fort Vermilion, III; Treherne.
  - 17. Paspebiac, IV; St. Albans, III; St. Peters, IV.
  - 18. Insinger, Fort Vermilion, III.
  - 19. Fort Vermilion, IV.
  - 21. Point Escuminac.
  - 22. Fort Vermilion, II.
  - 23. Fort Vermilion, III.
  - 25. Victoria, Alta.

Thunder recorded on:

- 2. Nanaimo.
- 10. Sable Island, E. Pt.
- 11. Sable Island, E. Pt.
- 13. Quesnel, Salmon Arm.
- 28. Wyoming.
- 29. Alton, Beatrice, Stony Creek, Birnam, Brantford, Hamilton, Port Dover, Port Burwell, Lakefield, Madoc, Peterboro, East Toronto, Port Hope, Clinton, Lucknow, Meaford, Owen Sound, Orillia, Sutton West, Aurora, Emsdale, Georgetown, Lansdowne, Strathroy, Westport, Wiarton, Wyoming, Westminster.
- 30. Birnam, Brantford, Peterboro, East Toronto, Sutton West, Arden, Croydon, Ennismore, Lansdowne, Princeton, Ont., Snnnyside, Westport, Westminster.

#### FORECASTS FOR APRIL, 1907.

The forecasts issued by this office at 11 p.m. each night, are posted up at every telegraph station in Canada, and are for the 24 hours beginning at 8 a.m. the following day.

The number of predictions issued during the month was 1265. These were divided as follows:-

		No.	Venified.						
1)	USTRICT.	Issued.	No. Fully	No. Partly	No.	Per-			
			-						
Alberta		82	65	15	2	88.4			
ha-katchewan		81	55	18	11	76.3			
Manitoba		88	66	13	9	82.1			
Lake Superior		109	80	23	G	83.9			
Lower Lake Region		125	93	26	6	84.8			
Georgian Bay		123	93	20	10	8317			
Ottawa Valley		111	87	15	9	851			
Upper St. Lawrence		111	86	17	3	85.1			
Lower St. Lawrence		10"	78	14	15	7911			
Guif		107	76	11	17	7716			
Maritime Provinces, West		109	76	26	7	81.6			
Maritime Provinces, East.		109	76	25	8	81.2			
Total .		1265	931	226	108	82:5			

In order to obtain the percentage of verification of the predictions, the number partly verified is divided by two and added to the number fully verified, and the result divided by the total number issued.

In ascertaining to what extent the predictions have been verified, the reports from the agents at all observing stations, as well as the telegraphic reports, are used.

Meteorological Office, Toronto, 28th May, 1907.

R. F. STUPART,

Director.

#### DEPARTMENT OF MARINE AND FISHERIES, CANADA.

METEOROLOGICAL SERVICE,

# Itlonthly Telegathen Review. VOL. XXXI. MAY, 1907.

#### INTRODUCTION.

In compiling the present Review the principal data made use of are the telegraphic reports of observations received at this office for the purpose of weather forecasting, and reports by mail from voluntary observers and storm signal agents. For the material used in tracing the paths of areas of high and low pressure in the United States, we are indebted to the Chief of the Weather Burcau, Washington, D.C.

#### REMARKS UPON THE WEATHER.

The weather on the lower mainland and Islands of British Columbia was quite warm during the first week, also from the 16th to 31st, the temperature occasionally reaching 80° at some places. During the intervening period it was comparatively cool. Much bright sunshine was recorded during the first, third and last weeks and the rainfall, which was light, in most localities occurred chiefly on or about the 9th, 10th, 12th, 13th, 20th and 21st. Vegetation in this portion of British Columbia was in excellent condition. On the upper mainland the weather, like that in other portions of the Province, was warmer than usual and was quite warm during the first eight days, also after the 16th. From the 27th to 31st 80° was exceeded each day at some stations and on the 30th 94° was recorded at Spence's Bridge. Exceedingly fine bright weather occurred in most districts during the first and last nine or ten days. Rain was recorded chiefly on the 9th, 10th, from 15th to 21st, and on the last day of the month. Vegetation made rapid progress after the 15th.

The weather in the Western Provinces was unusually cool, and in Saskatchewan the departure from the average in the mean temperature was exceedingly large. On or about the 15th there was a marked rise in the temperature, 70° or over being recorded at some places, but cool weather immediately followed and it was not until the 25th that any decided improvement occurred. Dull weather prevailed and the precipitation which varied considerably in amount and date of occurrence, was recorded chiefly during the second half of the month. From some northern stations snow was reported on several dates. Vegetation was backward but by the 31st it was making good progress.

In Manitoba the weather was exceedingly cold and although there was a marked improvement after the 14th low temperatures at night were general and there were several quite cool days. In most districts bright sunshine was deficient, dull weather prevailing during the first twelve days, also from the 21st to 23rd and last five or six days of the month. The precipitation which was light occurred chiefly during the first week, also on or about the 11th and 18th and included some snow Vegetatation though backward made good progress after the 19th.

In Ontario the weather was unusually cool the mean temperature being much below the average in all portions of the province. Frosts occurred almost nightly in northern districts and they were quite frequent elsewhere. On the 13th and two following days there was a marked but temporary rise in the temperature, 80° being exceeded in some places; after the 15th temperatures between 60° and 65° were only occasionally recorded. The proportion of bright sunshine somewhat exceeded the average, and during the first ten or eleven days fine weather prevailed; nevertheless there were occasional light falls of rain or snow during this period. The precipitation which was light at most stations on or about the 4th. 8th, occasionally from the 13th to 18th and 26th to 29th. Vegetation though in a healthy condition was quite backward on the 31st.

The weather in the Province of Quebec like that in the provinces to the westward was unusually cold, but in districts contiguous to the St Lawrence and Gulf the departurtures in the mean temperture were less marked than elsewhere. After the 12th somewhat warmer conditions prevailed but in eastern districts frosts at night were of quite frequent occurrence. Some fine bright weather was recorded during the first ten days, also after the 22ud, the intervening period being somewhat dull in

most localities. The precipitation varied somewhat as to quantity, but in the Gaspé Peninsula it slightly exceeded the average, whilst in other districts it was deficient. The falls at most stations were reported on the 1st, 4th, occasionally from the 1tth to 20th, and 27th to 29th. On the 31st vegetation was exceedingly backward.

In New Brunswick the weather was cooler than usual, the temperature at night generally being quite low and frosts occurring occasionally at most places throughout the month. The proportion of bright sunshine was well below the average at Fredericton and there was much dull weather in southern districts but in most localities elsewhere fine weather was reported almost daily from the 1st to 26th. The chief falls of rain were recorded on or about the 2nd, 4th, 11th, 14th, 16th and 30th. On the 11th a heavy snow storm was reported from some stations. Vegetation was backward on the 31st.

The weather in Nova Scotia was quite cool and the departures from the average mean temperature were much the same as in New Brunswick, frosts also occurring occasionally in more northern districts. Fine bright weather was general about the 5th to 9th and 22nd to 27th whilst the intervening periods were mostly dull. Bain was recorded on or about the 2nd, 5th, 11th, 12th, 17th, 25th, and during the last three days of the menth, the total amount being below the average. Vegetation was much retarded by the cold weather.

In Prince Edward Island the weather was somewhat colder than usual but was less so than in provinces to the westward. Frosts were reported occasionally during the first half of the month but after the 15th it was slightly warmer, excepting during the last two or three days of the month when it was quite cool. Dull weather prevailed at Charlottetown, and the precipitation which included a heavy fall of snow on the 11th and 12th exceeded the average. Elsewhere the total amount was much less. The falls recorded occurred on or about the 1st, 4th, 11th, 16th, 17th, and during the last three days. Vegetation was quite backward.—F. F. PANNE.

#### ATMOSPHERIC PRESSURE.

The mean atmospheric pressure for May exceeded the average throughout Canada except in Northern Ontario, Eastern Quebec, and the Maritime Provinces, where subnormal values were recorded.

Departures from average were greatest over the Western Provinces, amounting generally to more than one-tenth of an inch.

The extremes of departure were 0.17 of an inch at Battleford, Sask., and 0.06 of an inch at St. John, N.B.

#### HIGH AREAS.

During May the majority of the are sof high barometric pressure which were charted were first observed while over the Western Provinces. Of the nine-ystems whose paths were traced, six passed southeastward over or north of the Lakes to the Atlantic; the others passing southeastward, west of the Lake Region, and off the Middle Atlantic Coast.

Most of the systems were quite pronounced, and cool weather was experienced in all districts during the period of their domination.

#### LOW AREAS.

Thirteen distinct cyclonic systems were charted during May, the place of origin, or movement into the field of observation, being divided between the Western Provinces and the extreme Southwest States, the paths followed converging as a rule towards the Gulf of St. Lawrence. Most of the areas moved either north or south of the Lake Region; only one directly crossed it. Energetic movements were frequent, and stormy weather accompanied each system along the course, but as a rule the amount of the precipitation was less than normal.

#### WINDS.

In British Columbia, over Vaucouver Island and the Lower Mainland the southwesterly direction predominated with three gales and thirteen days of strong breezes.

Winds were largely northwesterly over Alberta and Saskatchewan with two gales in Southern Districts and four in northern, and from seven to twelve days of strong breezes.

In Manitoba the winds were from north to northwest with seven gales and fourteen days of strong breezes.

In the Lake Region, the direction was variable with a tendency towards the westerly direction. Two general gales were experinced and also 14 days of strong breezes.

The southwesterly direction was mostly in evidence in the Ottawa and Upper St. Lawrence Valleys and local gales occurred on seven occasions and strong breezes on eight days.

In the Lower St. Lawrence and Gulf the easterly direction was most in evidence and five gales were experienced together with twelve days of strong breezes.

In the Maritime Provinces, the direction was south and southwest in Western districts and north and northeast in eastern, with two gales and nine days of strong breezes.

#### BRIGHT SUNSHINE.

A supernormal amount of Bright Sunshine was recorded in British Columbia and Ontario during May, but elsewhere in Canada the normal value was not reached. The extremes of departure from average were  $\pm 19\%$  at Victoria, B.C. and  $\pm 24\%$  at Battleford, Sask.

The maximum daily amount recorded in Canada was 95% of the possible at Calgary, Alta. on the 1st.

#### TEMPERATURE.

The mean temperature for May was below the average throughout Canada, except in British Columbia and the Yukon Territory, where small positive differences were recorded. The negative departures from average were especially large from Saskatchewan to New Ontario, ranging between 10° in the former Province, and 13° in the latter District. In Quebec, differences were from 2° to 7° and in the Maritime Provinces from 3° to 4°. An excess of from 2° to 4° occurred in British Columbia, and of 5° in the Yukon Territory.

The Highest and Lowest temperatures in each Province during May, 1907, were:

British Columbia,	94° (	on 30th at Spence's Bridge,	20° 0 on 1st at Big Creek.
Alberta,	79° ·	on 15th at Lethbridge,	3° ·0 on 1st at Pakan.
Saskatchewan,	76° ·	on 27th at Battleford,	2° ·5 on 6th at Prince Albert.
Manitoba,	79° -:	on 31st at St. Albans,	4° '0 on 6th at Carberry.
Ontario,	88° (	on 14th at Stoney Creek,	0° 0 on 4th at White River.
Quebec,	77 -:	2 on 15th at St. Ann de Bellevue,	8° ·0 on 1st at Abitibi.
New Brunswick,	76° %	on 18th at St. Stephen,	25° 0 on 5th at St. Stephen.
Nova Scotia,	74° ·	on 17th at Port Hastings,	23° ·5 on 15th at Truro.
P. E. Island.	70° ·	on 20th at Hamilton,	$-27^{\circ}$ ·0 on 11th at Summerside.

#### PRECIPITATION.

There was an almost general deficiency in precipitation over the Dominion, the widest departures from average occurring in British Columbia, where in most districts the rainfall was less than one inch. In the Western Provinces the aggregate of rain and melted snow was very generally less than half the average, but some few stations in northern Alberta and north-eastern Saskatchewan recorded an average amount. In Ontario it was only in Algoma and Nipissing and the Niagara Peninsula that a normal amount was recorded, other parts of the province, and also western Quebec showing a deficiency of between 30 and 40 per cent. In Eastern Quebec and the northern portions of the Maritime Provinces, including Prince Edward Island, it was slightly in excess, while other districts showed a small deficiency.

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, MAY, 1907.

a Barometer not reduced to Sea Level. Stations not furnished with Registering Thermometers.

1		Zing ja 🔍	==	52-	2224	Ξ		====					1100	5-5	E		000
	• [0]	Talan ( )	===	222	2002	=	2 5		002	000	====		===	555	=	22-	200
		Population of or	5151	555	2 11-0	1		4448 2449					名別は	គឺភី!ត់ ១២=		515151 - mi-	3.5
		Heaviest fall in it onth.	217	548	EFSE EEF	3	=	RENA	3 3 -	= - = :	, 222		200 200	87E	=	882 000	= = 22
	TATION	Difference from	12 to	=	2.71		<u>-</u>	60		2M 2001	F2		£ &	16.0	9 9	5	
	יונוצבוויוד	Amount	13 %	#34 #34	3.21:7	8		= 9 4.2 - 5 - 5					868 5100	252	1.33	50T	25
		mon non							= 1							=	
	Y OF	- sorth ban stad							=		•					.22	
	ELOCITY WIND.	a'qub dayla litighest day's							×							×	<b>-</b> ,
	VE	Mean miles per hour.							-							:=	
		Total number of observations,		22	9.			FR	잘 용		2		8:			22	23
	_	C.		85	=			2=	= 57	21			= =			 - x. x.	51
Z	FROM	W.W.			10			71 0	= 5 / s	7.4	- I	_			L.	- 4 <u>2</u>	
юше	GNIW	.W.		9 5	2 2			-==	= =	21	.10					as	- ;
Refil	OF W	3.11.2		97				- 22	- =	=	273		c				
ng l		.A.c			10			2.0	경 프		Ξ		767		-	72	
Registering	DIRECTION	E'		- £	2			-=	= 9	<u>=</u>	2		<u>,</u> =			-= :	:
Reg	ii ii	A.E.		55	t ~	4.1		71.0	= =	21	:-		=			722	m
with		N.		2171	2.5			= 7		78	- 20		Ŧ			2121	13
shed	\$191910	No. of days comp		1-=	-			.71	21	.45	1-		•			- 43 :	1
furnished		Mean amount of		:0 10	_			(5)	- marin	15	9		.2		_ : :		140
not		Mean relative										:					
Stations not	10.94	Mean temperatu dewpoint.			31 (1 (1) T		1- 12	1-1-5.5	1 th. on to	15 10 01	T 20 C 2		£1+2	21	×	21% %	1001-
. Str.		Mean daily		31515	8884	22	4 4	8583 8583	855	5318	55E	1	설팅트 레르티	22.24 201-	57	31231	888
_1		Date.		1000	====	110							00-	===	= -	00%	200
Level.	KE.	Lowest	- 81 20	ងគង	HÀÀÀ	. 24		RESE					21928	<u> </u>	ä	### :	882
Sea	PERATURE	Dato.	88	- SEE	18488	2		222				٠	2888	:닭돌품	िल	- 555 K	5555
ed to	MIE	Highest.	· 35	257 257	2522	9 63 6	5 5	ロロエロ サジテル コロス	- 21 Z E	25 5 21	3765	2 1	10 to 11	70=0 77%	1 67 2	0.50	12.83 2000
edne	Them	from average. Years observin	- 89 - 81 - 00 - 50	8821 S D	255 255 255 255 255 255 255 255 255 255	37,	21 22	-= ° ×	= 42	225-	- 50 50 5	•	50 00 51 00 00 51 00 10	19 E	0.0	-2×:	- 22 23
not r		Difference			-ļ-	9				49-		= ; ;	-inm	1 2 2 2 2 2 3 2 3	22.23	1588 1588 1	- 
neter		Mean.	- 35 ts		2478 2518	2	15 Z	7555 7556	3 in 12 K			3 :	.388	말병료	Ħ		22.5
a Barometer not reduced		Капке.	<u>.</u>	10.1	24 =			15.00	30.00	3 =	= 12		:			250	1200 28 20 30 0 28 20 30 0 38 20 30 0 58
a 1	PRESSURE.	Lowest	. <u>.</u>	- 1 A S A S A S A S A S A S A S A S A S A	20 0 10 05 95 00 08			12.0000.0017	0 8 30 13 51 08 St	25.29 61.0 61	[5] 6]		· · · · · · · · · · · · · · · · · · ·			1-55 88:	8
	RESS	Highest	£ :	- 55 - 55 - 55				F	2	1 33 8	8 8		64 8			186 88 88	- S
	-	Mean reduced.	=	188	8.8			28 91 38	% - Fi	30 11 30	26 (20 to 20 13 29 2		20 TH 28 TH 25 TH			3.51 3.51	S5-161
	1101	Flevation above level, in feet,	- 1 R		8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ie i	254	1158 E		Tage 1		184	0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55	2000年	Z	28	12h0 2075
		Longitude W.	28	8888		125	11818 2118	F121-	- = 14 8	हे <sup>ल्ल</sup> हे हा	무원원. 종목본	388		2298 2525	5 511		- 50 22
			- 55 - 55		32222 32222		5122	128			828	- twee blank	8-8	1222	-:		5 138 5 138
	-	Latitude V.	2.8	8888	23322	828	277	8.93	172	i e e e	227	111	855	######################################	23	2 228	29
		ž	нгл							1017	dion.			: : : :	1	60	
	1	BTATION	IT.W.	2 4	. =		1		<u>.</u> : <u>:</u>	Tuin	Miss	ngtor	1::0	nke.	Julin,	und.	PS6
		BTA	II Co mi.	Production of the production o	Sig Creek oldstrenn Billivack Brygquot	owichin pre-Scott	intro Point	for ps maint.	imi	317.2 E	Nickol Plato Okamigan Mis Port Simpson	E Say	Pentacton Quesnelle Revolstoke Rivers Inlot	Tribud China	reol	Troubalem Victoria Vanconver Winter Harbor	and son. e Ho
			Butush Columna Alberni, Aenstz	Affiningt Atlining Barkerville Bella Coola	Bar Creek Coldstream Chillwack Chillwack	E SE	Carry Poi Carry Poi Clarion	Hedley . Kamboops. Kitumaat	Nuts.	North Nicomen.	Nickel Plata Okamagan Mission. Part Simpson	Flot Bay.	Cass Revo	Rosshind Stunrt's Lake, Salmon Arm Spence's Bridge,	Tohn	Tzouhale Victoria. Vancony	aConrad Pawson White Horso
			=						a		, , ,	•					7 0

		93		
			0-00 30 0 00	
		DD 00 -01010	0000 0000 80	000 000 0000
:===== :==============================	- 1910 - 100E		100 0 0000 00	550 600 60-3
	::88 8 282	<u> </u>	되다양생 의원다리 회원	888 282 528
SELPS JackJudena = 5-1	. win - Neo	1-0 5 W+63	Headax Herita the	94 mm ca
- 20 - 20 - 20 - 20 - 20 - 20 - 20 - 20	1 88 18 1984	열인 : 역 용은처럼	등등으로 생물실을 통증	1 488 188 1 842
	. <u> </u>		85 9 10 10 10 10 10 10 10 10 10 10 10 10 10	212 200 2000
를 보기하는 서울이 HDD를 다	110		g 1 E81 E1	The second of the second of
88822 88888888888888888888888888888888	1 152 18 19.88	유용 : 1 : 1 등 R = R	- 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 1 2 20 100 100 100 100 100 100 100 1		2010 1 100 1 1000 354 1 188 1 1 1875
— :				
	::::::::::			
	:::::::::::::::::::::::::::::::::::::::	111111111111111		
등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등	§	왕 : : : : # # # 왕은	표 : 명 : 교육명 : 경 :	: :: :: :: :: :: :: :: :: :: :: :: :: :
15 10 10 mg a mgg		15 - 1 - 0 - 0 d		
	11 111111			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	= = : : : : : : : : : : : : : : : : : :	19 : : : : : : : : : : : : : : : : : : :	8 : 122 - 1 : 9 :	1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
- 12 121 - 22			E 10 1-0- 8	1- 10101
199100000000000000000000000000000000000	<u>: :</u> , : : : : : : : : : : : :	21		may
	: : 'G : : : : : : : : : : : : : : : : :	0 :::0:0:00	S 2 - CH 61	. 2
10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 10 1 1 1 1 1 1	01		9
	:: <u>-</u>			
100 1 m 10 10 0 0 10 m 10 0				200
: x : 5 : 2 : 2 : 2 : 2 : 2 : 2 : 2 : 2 : 2	. : 21	15 : : : : : : : : : : : : : : : : : : :	10 7 1 0 5 2 1 10 1	: :8: : : : : : : : : : : : : : : : : :
			01 Q 01/01- 01	
			61   62   62   61	
1 12 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1		·- · · · · · · · · · · ·	an : : 10 :	01
· · · · · · · · · · · · · · · · · · ·	<u> </u>	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· · · · · · · · · · · · · · · · · · ·	
	0.000			1-00 :::::::::::::::::::::::::::::::::::
	22 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	97	5895 5885 <b>8</b> 5	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
	- 55 5 SSS	82 : : : : : : : : : : : : : : : : : : :	5595 53855 No.	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	\$\frac{1}{2}\$ \frac{2}{2}\$ \fra	7898 7887 88 6686 6686 66	
	<u> </u>	81 8 E 8 2 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	7555 7555 856 7555 955 956	1-54 899 866F
	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	\$\frac{1}{2}\$ \frac{2}{2}\$ \fra	7898 7887 88 6686 6686 66	
######################################	11	27 15.0 2.27 7.0 2.27 7.0 2.27 7.0 2.27 17.0 2.27 17.0 2	28.28.28.28.28.28.28.28.28.28.28.28.28.2	13.0 11.0 11.0 11.0 11.0 11.0 11.0 11.0
######################################	3.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 27 15.0 2.21 27 10.0 221 0 15.27 7.0 5.22 0 15.27 7.0 6.19 0 27 17.0 6.19 0 27 17.0 6.23 0 27 17.0 6.23	27 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2.0 23 13.0 2.0 11.0 6.93.1 13.0 10.0 2.0 11.0 6.93.1 13.0 10.0 10.0 10.0 10.0 10.0 10.0 1
######################################	11	0 27 15.0 2.21 27 10.0 221 0 15.27 7.0 5.22 0 15.27 7.0 6.19 0 27 17.0 6.19 0 27 17.0 6.23 0 27 17.0 6.23	27 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3
######################################	3.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 27 15.0 2.21 27 10.0 221 0 15.27 7.0 5.22 0 15.27 7.0 6.19 0 27 17.0 6.19 0 27 17.0 6.23 0 27 17.0 6.23	27 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3
### ##################################	3 2 2 3 3 2 1 3 3 2 1 3 3 3 3 3 3 3 3 3	221	-13 120 70 0 15 6 0 5 24 1 2 6 5 1 2 6 0 1 5 6 0 1 5 6 0 1 5 1 2 6 1 0 1 2 6 1 1 2 6 1 1 2 6 1 1 2 6 1 2 1 2 6 1 2 1 2	- 9 2 2 5 7 8 9 1 3 3 1 3 9 5 1 1 3 9 5 1 1 3 9 5 1 1 3 9 5 1 1 3 9 5 1 1 3 9 5 1 1 3 9 5 1 1 3 9 5 1 1 3 9 5 1 1 3 9 5 1 1 3 9 1 3
### ##################################	3 2 2 3 3 2 1 3 3 2 1 3 3 3 3 3 3 3 3 3	221	-13 120 70 0 15 6 0 5 24 1 2 6 5 1 2 6 0 1 5 6 0 1 5 6 0 1 5 1 2 6 1 0 1 2 6 1 1 2 6 1 1 2 6 1 1 2 6 1 2 1 2 6 1 2 1 2	- 9 2 2 5 7 8 9 1 3 3 1 3 9 5 1 1 3 9 5 1 1 3 9 5 1 1 3 9 5 1 1 3 9 5 1 1 3 9 5 1 1 3 9 5 1 1 3 9 5 1 1 3 9 5 1 1 3 9 5 1 1 3 9 1 3
### 1	3.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 27 15.0 2.21 27 10.0 221 0 15.27 7.0 5.22 0 15.27 7.0 6.19 0 27 17.0 6.19 0 27 17.0 6.23 0 27 17.0 6.23	3.8. f = 13 120 70.0 15 6.0 5.21 3.0 10.0 15 5.21 4.75 5.22 6.1 1.27 16.20 27 9.0 1.27 16.20 17.37 3.0 2.7 9.0 6.21 3.0 5.24 3.7 9.0 16.20 2.2 17.3 17.3 17.3 17.3 17.3 17.3 17.3 17.3	42.1 — 5.78.6 31 13.0 7.25.8 38.8 2 — 2.07.2 0.3 19.5 10.25.8 13.9 2.07.2 0.3 19.5 10.25.8 13.9 2.0 10.0 10.25.8 13.9 2.0 10.0 10.25.8 13.9 2.0 10.0 10.2 10.0 10.2 10.0 10.0 10.0
12   12   13   13   14   15   15   15   15   15   15   15	3 2 2 3 3 2 1 3 3 2 1 3 3 3 3 3 3 3 3 3	39 7 8 91271 0 27 15 0 2 623 10 6 11 8 16 76 0 27 10 0 221 39 7 13 5 23 72 0 15 27 7 0 6 19 45 0 8 8 0 2 17 0 6 19 38 1 1 72 0 2 17 0 6 19 38 1 2 7 0 5 22 38 1 6 2 1 3 6 2 1 6 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7	38 1   -13 120 70 0   15 6 0   5 21     4 75 5 28 6 1   6 20     4 75 5 28 6 1   -2 70     5 70 0   27 9 1   -2 70     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 10 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0 0     5 70 0 0 0     5 70 0 0 0 0     5 70 0 0 0 0 0     5 70 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0     5 70 0 0 0 0 0 0 0     5 70 0 0 0 0 0 0     5 70 0 0 0 0 0 0     5 70 0 0 0 0 0 0     5 70 0 0 0 0 0 0     5 70 0 0 0 0 0 0     5 70 0 0 0 0 0 0     5 70 0 0 0 0     5 70 0 0 0 0 0     5 70 0 0 0 0     5 70 0 0 0 0     5 70 0 0 0 0     5 70 0 0 0 0     5 70 0 0 0 0     5 70 0	42.1 — 5.78.6 31 13.0 7.25.8 38.8 2 — 2.07.2 0.3 19.5 10.25.8 13.9 2.07.2 0.3 19.5 10.25.8 13.9 2.0 10.0 10.25.8 13.9 2.0 10.0 10.25.8 13.9 2.0 10.0 10.25.8 13.9 2.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0
12   12   13   13   14   15   15   15   15   15   15   15	3 2 2 3 3 2 1 3 3 2 1 3 3 3 3 3 3 3 3 3	39 7 8 91271 0 27 15 0 2 623 10 6 11 8 16 76 0 27 10 0 221 39 7 13 5 23 72 0 15 27 7 0 6 19 45 0 8 8 0 2 17 0 6 19 38 1 1 72 0 2 17 0 6 19 38 1 2 7 0 5 22 38 1 6 2 1 3 6 2 1 6 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7	38 1   -13 120 70 0   15 6 0   5 21     4 75 5 28 6 1   6 20     4 75 5 28 6 1   -2 70     5 70 0   27 9 1   -2 70     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0     5 70 0   17 0 0     5 70 0	42.1 — 5.78.6 31 13.0 7.25.8 38.8 2 — 2.07.2 0.3 19.5 10.25.8 13.9 2.07.2 0.3 19.5 10.25.8 13.9 2.0 10.0 10.25.8 13.9 2.0 10.0 10.25.8 13.9 2.0 10.0 10.25.8 13.9 2.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0
12   12   13   13   14   15   15   15   15   15   15   15	3 2 2 3 3 2 1 3 3 2 1 3 3 3 3 3 3 3 3 3	39 7 8 91271 0 27 15 0 2 623 10 6 11 8 16 76 0 27 10 0 221 39 7 13 5 23 72 0 15 27 7 0 6 19 45 0 8 8 0 2 17 0 6 19 38 1 1 72 0 2 17 0 6 19 38 1 2 7 0 5 22 38 1 6 2 1 3 6 2 1 6 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7	38 1   -13 120 70 0   15 6 0   5 21     4 75 5 28 6 1   6 20     4 75 5 28 6 1   -2 70     5 70 0   27 9 1   -2 70     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0     5 70 0   17 0 0     5 70 0	42.1 — 5.78.6 31 13.0 7.25.8 38.8 2 — 2.07.2 0.3 19.5 10.25.8 13.9 2.07.2 0.3 19.5 10.25.8 13.9 2.0 10.0 10.25.8 13.9 2.0 10.0 10.25.8 13.9 2.0 10.0 10.25.8 13.9 2.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0
12   12   13   13   14   15   15   15   15   15   15   15	3 2 2 3 3 2 1 3 3 2 1 3 3 3 3 3 3 3 3 3	39 7 8 91271 0 27 15 0 2 623 10 6 11 8 16 76 0 27 10 0 221 39 7 13 5 23 72 0 15 27 7 0 6 19 45 0 8 8 0 2 17 0 6 19 38 1 1 72 0 2 17 0 6 19 38 1 2 7 0 5 22 38 1 6 2 1 3 6 2 1 6 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7	38 1   -13 120 70 0   15 6 0   5 21     4 75 5 28 6 1   6 20     4 75 5 28 6 1   -2 70     5 70 0   27 9 1   -2 70     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0     5 70 0   17 0 0     5 70 0	42.1 — 5.78.6 31 13.0 1.25.8 13.9 2.07.2 0.3 1.9 5.10.2 1.0 1.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
12   12   13   13   14   15   15   15   15   15   15   15	3 2 2 3 3 2 1 3 3 2 1 3 3 3 3 3 3 3 3 3	39 7 8 91271 0 27 15 0 2 623 10 6 11 8 16 76 0 27 10 0 221 39 7 13 5 23 72 0 15 27 7 0 6 19 45 0 8 8 0 2 17 0 6 19 38 1 1 72 0 2 17 0 6 19 38 1 2 7 0 5 22 38 1 6 2 1 3 6 2 1 6 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7	38 1   -13 120 70 0   15 6 0   5 21     4 75 5 28 6 1   6 20     4 75 5 28 6 1   -2 70     5 70 0   27 9 1   -2 70     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0     5 70 0   17 0 0     5 70 0	42.1 — 5.78.6 31 13.0 1.25.8 13.9 2.07.2 0.3 1.9 5.10.2 1.0 1.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
12   12   13   13   14   15   15   15   15   15   15   15	3 2 2 3 3 2 1 3 3 2 1 3 3 3 3 3 3 3 3 3	39 7 8 91271 0 27 15 0 2 623 10 6 11 8 16 76 0 27 10 0 221 39 7 13 5 23 72 0 15 27 7 0 6 19 45 0 8 8 0 2 17 0 6 19 38 1 1 72 0 2 17 0 6 19 38 1 2 7 0 5 22 38 1 6 2 1 3 6 2 1 6 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 6 2 2 1 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7	38 1   -13 120 70 0   15 6 0   5 21     4 75 5 28 6 1   6 20     4 75 5 28 6 1   -2 70     5 70 0   27 9 1   -2 70     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   16 3 0   5 21     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0   17 0 0     5 70 0     5 70 0   17 0 0     5 70 0	42.1 — 5.78.6 31 13.0 1.25.8 13.9 2.07.2 0.3 1.9 5.10.2 1.0 1.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
89.00.30.30.20.10.00.00.00.00.00.00.00.00.00.00.00.00	389.0 2787.0 11 12.0 32.1 173.0 2.2 173.0 17 18.0 18.0 18.1 173.0 17 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0	89 7 8 9 12 10 0 27 15 0 2 6 2 1 1 1 1 1 1 1 1 2 1 2 1 1 2 1 1 1 1	38.1 — 13 ± 29 70°0 15 6°0 5 21 40°0 — 2 55°0 28 21°0 1-27°16 38°9 — 11.7 1373°0 27 9°0 6 21 38°9 — 11.7 1373°0 27 9°0 6 21 38°7 — 11.2 22 67°0 15 3°0 5 24 38°7 — 11.2 22 67°0 28 3°0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0	12.1 — 5 5 5 0 31 13:0 1 23 1 13:0 1 13:
89.00.30.30.20.10.00.00.00.00.00.00.00.00.00.00.00.00	389.0 2787.0 11 12.0 32.1 173.0 2.2 173.0 17 18.0 18.0 18.1 173.0 17 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0	89 7 8 9 12 10 0 27 15 0 2 6 2 1 1 1 1 1 1 1 1 2 1 2 1 1 2 1 1 1 1	38.1 — 13 ± 29 70°0 15 6°0 5 21 40°0 — 2 55°0 28 21°0 1-27°16 38°9 — 11.7 1373°0 27 9°0 6 21 38°9 — 11.7 1373°0 27 9°0 6 21 38°7 — 11.2 22 67°0 15 3°0 5 24 38°7 — 11.2 22 67°0 28 3°0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0 0 6 22 38°7 — 11.8 21 7°0 0 28 3°0	25.10.94 (2.1) - 6.75.0 (2.1) 13.0 (2.2) 13.
1850   1970	21.80 21	1.812   1.812   1.812   1.813   1.814   1.81	1924   38   1   1   1   1   1   1   1   1   1	29 27 27 27 27 27 28 29 29 20 20 20 20 20 20 20 20 20 20
1838   30*10**0.30*20*19.0**0**12.13**0**13.0**0**0.30*20*19.0**0**0.30*20*19.0**0**0.30*20*19.0**0**0.30*20*20*20*20*20*20*20*20*20*20*20*20*20	55. 5730 11	1.812   1.812   1.812   1.813   1.814   1.81	10   124   12   12   13   14   15   15   15   15   15   15   15	29 27 27 27 27 27 28 29 29 20 20 20 20 20 20 20 20 20 20
1838   30*10**0.30*20*19.0**0**12.13**0**13.0**0**0.30*20*19.0**0**0.30*20*19.0**0**0.30*20*19.0**0**0.30*20*20*20*20*20*20*20*20*20*20*20*20*20	55. 5730 11	1.812   1.812   1.812   1.813   1.814   1.81	10   121   12   13   14   15   15   15   15   15   15   15	15   25   17   17   17   17   17   17   17   1
43.13. 17. 1650 10. 15. 31. 1650 10. 15. 31. 1650 10. 15. 31. 16. 37-10. 32-25. 19. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10	9 113 55 5750 9 113 10 11 12 0 3 2 17 3 3 2 1 12 0 13 2 1 13 1 1 13 1 1 1 1 1 1 1 1 1 1 1	10   17   18   18   18   18   18   18   18	S   103   10   1121   1   1   1   1   1   1   1   1	19   100   20   20   20   20   20   20   2
43.13. 17. 1650 10. 15. 31. 1650 10. 15. 31. 1650 10. 15. 31. 16. 37-10. 32-25. 19. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10	55. 5730 11	1.812   1.812   1.812   1.813   1.814   1.81	10   121   12   13   14   15   15   15   15   15   15   15	19   14   19   20   17   17   17   17   17   17   17   1
43.13. 17. 1650 10. 15. 31. 1650 10. 15. 31. 1650 10. 15. 31. 16. 37-10. 32-25. 19. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10	10	18   15   102   17   1832    1832   1833   1832   1834	S   103   10   1121   1   1   1   1   1   1   1   1	19   19   19   19   19   19   19   19
14 (3) 13 17 (450)  15 2 21 13 10 15 30 10 30 30 20 19 0 10 10 10 10 10 10 10 10 10 10 10 10 1	10   10   10   10   10   10   10   10	18   15   102   17   1832    1832   1833   1832   1834	S   103   10   1121   1   1   1   1   1   1   1   1	19   19   19   19   19   19   19   19
14 (3) 13 17 (450)  15 2 21 13 10 15 30 10 30 30 20 19 0 10 10 10 10 10 10 10 10 10 10 10 10 1	10   10   11   12   12   13   14   15   15   15   15   15   15   15	18   15   102   17   1832    1832   1833   1832   1834	53 15 10 10 10 10 10 10 10 10 10 10 10 10 10	19
14 (3) 13 17 (450)  15 2 21 13 10 15 30 10 30 30 20 19 0 10 10 10 10 10 10 10 10 10 10 10 10 1	10   10   11   12   12   13   14   15   15   15   15   15   15   15	anor 50 Miles I7 1832 are 53 52 29 60 1 12 40 6 -11 8 16 76 0 27 15 0 2 62 3 1 10 0 2 1 1 10 0 2 1 1 10 0 2 1 1 10 0 2 1 1 10 0 2 1 1 10 0 2 1 1 10 0 2 1 1 1 1	53 15 10 10 10 10 10 10 10 10 10 10 10 10 10	CO. 19 14 50 20 177
14 (3) 13 17 (450)  15 2 21 13 10 15 30 10 30 30 20 19 0 10 10 10 10 10 10 10 10 10 10 10 10 1	10   10   11   12   12   13   14   15   15   15   15   15   15   15	anor 50 Miles I7 1832 are 53 52 29 60 1 12 40 6 -11 8 16 76 0 27 15 0 2 62 3 1 10 0 2 1 1 10 0 2 1 1 10 0 2 1 1 10 0 2 1 1 10 0 2 1 1 10 0 2 1 1 10 0 2 1 1 1 1	53 15 10 10 10 10 10 10 10 10 10 10 10 10 10	CO. 19 14 50 20 177
Colored Learn	10   10   11   12   12   13   14   15   15   15   15   15   15   15	anor 50 Miles I7 1832 are 53 52 29 60 1 12 40 6 -11 8 16 76 0 27 15 0 2 62 3 1 10 0 2 1 1 10 0 2 1 1 10 0 2 1 1 10 0 2 1 1 10 0 2 1 1 10 0 2 1 1 10 0 2 1 1 1 1	53 15 10 10 10 10 10 10 10 10 10 10 10 10 10	CO. 19 14 50 20 17 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19
vera Landhigg 51 43 113 17 1450	10   10   11   12   12   13   14   15   15   15   15   15   15   15	anor 50 Miles I7 1832 are 53 52 29 60 1 12 40 6 -11 8 16 76 0 27 15 0 2 62 3 1 10 0 2 1 1 10 0 2 1 1 10 0 2 1 1 10 0 2 1 1 10 0 2 1 1 10 0 2 1 1 10 0 2 1 1 1 1	53 15 10 10 10 10 10 10 10 10 10 10 10 10 10	CO. 19 14 50 20 17 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19
10   12   14   14   14   14   14   14   14	10   11   13   13   13   14   15   15   15   15   15   15   15	waxa—         19         18         18         18         18         18         20         18         18         18         20         18         20         27         18         28         23	S   103   10   1121   1   1   1   1   1   1   1   1	19

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, MAY, 1967.

a Barometer not reduced to Sea Level. Stations not furnished with Registaring Thermometors.

1	No. of fega.				:-		nizmize-Acc.	
OTITIA.	No. of auroran.	2000	-00 0		= -=-		**************************************	-0100 -0101 - 010
-9YOU	Agab Tial to to	8855	21:5 2 : 2	255 E	5 5 5 5		48384442858	
-	in month.	8528	三名 第	1:50 7	E 62		882000000000	
HITATION	- Ilal lesivi MI	5. 7	B4 8	3 2 3	2	31 ==		152 Sept 35
E	mort somereltiff	2888	28 S	毎年夕 二	R 22	99 285		
Phee	Amount.		t - 5	noo m	<b>高 143</b> <b>コ ーの</b>	m- m-n	50285460688 2000000000000000000000000000000000	
40	-Date and direc-	:						% % %
RLOGITY WIND.	Highest day's		×					>
VE	Mean miles per hour.		=					-
	Total number	<u> </u>	ta 28	~ 교	<b>E E</b>	경토 경	888 B 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	: 2
,	.o.	-	71 -	26 12	美 24	क्रिक्र हैं	-2	. 5 -5-5-
FIGH	Z:11.:	<b>.</b>	2 =	<u>x</u> x	53 ×	무취 표	withings -s	
WIND	11.	01	21 1-	ð1 <u>12</u>	m -	m x = -	odenta Pa	
OF W	S.W	· ·	1- 21	01 E	æ =	2= %	7.4202	
21	·S	_				1+1+ 47		
DIRECTION	S.E.		୍ୟ ହ ଜୀ ହୌ	21 71	- E - E	×====		
Dire	E			- 101	2 8		ಸ್ವಾಪ್ತಿಗಳು ಕ್ರಾಪ್ತಿ ಸ್ವಾಪ್ತಿಗಳು ಕ್ರಾಪ್ತಿಗಳು	
	N.E.		= -	四 .th			ಕ್ಷದಾಗಿರುವ ಪ್ರವಾದ	
			- 5 		:			
Tletel	cloud.		+ n		14%	1 19	11 -20 1	
	humidity. Mean amount of				_			
ļ.——	dewpoint, Mean relative				<u> </u>			· · · · · · · · · · · · · · · · · · ·
10 01	Nean temperatu	== 76 =× 16	7 mg	01 2		1=101=000000000000	-x'o-e 2	
	I)nte.	왕왕	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	-016	5 5±8 2 -12	취보의하르유각		585 25222 5
KK.	J.ow.est.	#2 <u>11</u>	100 W	3122 0	0 000 8 258		00000000000000000000000000000000000000	
KKATURK	Date.	8888 9	888 B	255 (5	= ====			=======================================
1 -	Highest.	252	990 m	2 8 8 B	7 759		<u> </u>	
ТЕМ	from average.	10.0 12 73 3 3 74 12 3 20 76	13 0 51 10 10 10 10 10 10 10 10 10 10 10 10 10	S. 6. 21 S.	- Sau	자동기 원리 지역은 기원리 기원 기원리	1759777777 18058550 175-150 1505000000000000000000000000000000	12 41868 858 24 -8888 858 25 -818 25 -818 26 -888
	Difference	- 02 - 21 -			(~			Transfer of the same
	Меви.	· %==5	= 48   A	1985 .E	9 219	1571578	2 - 2 2 6 2 2 2 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
	itange.	á i	5 . X	0.78	1.		98.0	9.5 9.5 9.5 8.7
URE.	Jaawol	4	8 :	- 70 E			51 · 62 · · ·	1 1 X X
PRESSURE,	Нідлевь	<u>.</u>	28. 78/24 13.28. 28/15. 45 31/16/30/18/26 50/0/18	8 6		NE 182 182 183 184 182	20 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
1	Mean reduced.	<u> </u>	185	25.00 20.00				25 20
-	level, in feet.	8 : \$28	HS0 28 78/20 13.28 28 0 85 88 88 88 88 88 88 88 88 88 88 88 88	H102 6H (2010) 20 20 30 0 70 1500 1200 20 10 20 20 20 31 0 60 1200	120 8			TERESHMENS SE
898	Elevation above		日本出口の	38222	18888s	1225×838		
	Longitude W.	. 25525	BEREE	22825	REPORT	<b>RESERVE</b>	naga an amara	**************************************
	Latitude N.		25222	ZEXZZE				:2532255555=25
	STATION.	MANITOHA—Con. Oukklank Oukklale Park Pipestone Portige in Pruirie	aSf. Allmus (Aweme). Stony Mountain Treherne Virden. Winnipeg.	Copper Cliff Kenora Fort Arthur Savanne White Edver	Barrlo Baha Barlo Bruce Mines	oningwoon Johanne Jerkburn Island. Fervenhusd Hudeybury. Johowel	Lake Talon (Calvin) Menford North Bruco Owen Sound Orellia Parry Sound Point Clark Southampton Southampton Ciphands	Prunfford Coltain Coltain Guelph Rumilton London Port Stanley Port Bravel Pede Island
11		N COLL	57.677	5 - 2 - 2 - 2 - 2	;	ئىلقىقىسىن ب پ ر		

			*10	
	0- 000000000	~5000#0000		== [N=00===
1	01 00000000000	338303-330	200 - 000000000000000000000000000000000	
	នន និននិងស្រុង និងនិង	222322222	3 3 2 3355355352 5 5	28 8884886
	ra Exxamera wan-	ದ-593-ಥ=೯೪	0   a   a   a   a   a   a   a   a   a	- 10 m   x m u = 10 u = 1
	82 9888 8888888888888888888888888888888	2828288283 204200000	5 # 8 #8 # # # # # # # # # # # # # # # #	파용말림라를 보고 보다.
	252 :88 = 8 2522	1.32 1.32 1.32 1.32 1.32 1.32 1.32 1.32	88 18 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	## :& 43%
	70 10 10 10 70 20	79777		FF 19 19 19 1
	## ###################################	57286513688 :	6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	84 15838599
=	· · · · · · · · · · · · · · · · · · ·			
	W 252		0 8 8 W	
				- 1 1° 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	i <sup>×</sup> : : : : : : : : : : : : : : : : : : :			
				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
_				<u> </u>
	86 : : : : : : : : : : : : : : : : : : :	3 : 3 : 3 : 3 : 3 : 3 : 3 : 3 : 3 : 3 :	### ##################################	88 8 56 5
	0 : : : : : : : : : : : : : : : : : : :	3 : : : : : : : : : : : : : : : : : : :	000 0 00224-0 :-0	02 .0 .0 .0
	.00	2 : E28 : D2 : :	252 p : Doot-too : reg	20 12 21 18
	= : : : : : = : : : : : : : : : : : : :	38 7 75 11	<u> </u>	12 46 5 55 55
_		<u>ා පුරු</u>	registre somemican = x	10 - 10 g - 10 1
	- 29	୍ର ପ୍ରତ୍ୟ ପର୍	2155 E -21-15862 (C)	তেও কি কেল গে :
	0			: : : : : : : : : : : : : : : : : : : :
	; ::::::: :::::::::::::::::::::::::::	1815		
	# : : : : : : : : : : : : : : : : : : :	70 : ( कि.01 ( 10 <del>वर्ष</del> )	1.431 3 0.484-048 4-1	201 .8 .84 .9
	3 : : : : : : : : : : : : : : : : : : :	20 : : t-Ψ = 21 : :	403 to 1844-152 58 11 11	310 0 Uto 0
_	:= :::::::::::::::::::::::::::::::::::	G 61- 01-	525 - 0-2006- 7-	-0 4 1-2 10 1
	:0 : : : : : : <del>-</del> : : <del>-</del> : :	<u> </u>	2 : : : : : : : : : : : : : : : : : : :	φ   μ   m κ   · · ·
	m	40 · · · · · · · · · · · · · · · · · · ·	<u> </u>	<u> </u>
				1 1 1 1 1 1 1 1
_	92 27239285522555 44 001010114x000	35355 SSSS	19: 1	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	13 111000001110.	: Str = 0.00131 = 051 :		54 - = = mmo # 15
		:	= : : : : : : : : : : : : : : : : : : :	
	នង នៃនិងដង់នង់ដង់នង់នង់	ត្តនិត្តតិនិក្សាក្នុ	* S	ងក ក្នុងក្នុងនិ
	ST STATESTED XXXXXX	<u> </u>	5. 5. 148957KEXXEX	32 5555555
	00 00000000.000		<u> </u>	00 10000 0
	2000 1000 000 000 000 000 000 000 000 00	322233252263	6 1 18 18 18 18 18 18 18 18 18 18 18 18 1	1228878 88: 1228878 83:
_	66 - 4 c   0   1 - 1 - 6 c c c c c c c c c c c c c c c c c c	: Habit - 하고 하는 다 :		X 61 - 6 C X 61
		######################################		++:
	\$\$ :00000000000000000000000000000000000	*#####################################	8 3 : 5 = 5 = 5 = 5 = 5 = 5 = 5 = 5 = 5 = 5	14:14:14:14:14:14:14:14:14:14:14:14:14:1
=				
_	88 - 0 - 83 80 - 83 80 - 83	36.091-67, 98.09. 36.32-74-69. 36.32-74-69.	86 60 60 60 60 60 60 60 60 60 60 60 60 60	88 64 88
		91.63	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Se : 27 : 17 : 17 : 17 : 17 : 17 : 17 : 17
	90 90 90 90 90 90 90 90 90 90 90 90 90 9	88 88 88	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	30.45
_	9	28. 0.91 - 52 32 - 53 - 54 - 55 - 55 - 55 - 55 - 55 - 55		29 - 94 30 - 45 29 55 0 - 89 29 35 1 - 89 29 29 29 29 29 29 29 29 29 29 29 29 29
	30.00			8 8 8
	1050 850 850 850 1050 1050 1050 1050 105	98 98 199 199 199 199 199 199 199 199 19	8.52 E. 25.25 E. 25.2	282328588
	8-222-822-838-82-8	ळ ते सं धं धं धं घं	8488888888448458 32228 44	23382431-283
-		3222×827-0202 88856888868	######################################	28288888888888888888888888888888888888
			**************************************	2555445555
_				
ted.			bi. S. Point. osti, K. Point. osti, K. Point. osti, S. W. Point. osti, S. W. Point. osti, S. W. Point. of City Chutte Nagdalen Nagdalen ra Point. ra Point. ra Point. ostilla. ostine de Bellevn inigan Falls. raceke.	
ctuc	eek k t. t. d. mrg. mrg. Home			a a a
Com	nurg Hor e		sti, E. sti, E. sti, E. sti, E. sti, M. sti, S. sti, M. sti, S. sti, S	n
10	Story Cred Story Con Story	aty. Hele Hele Hele Hele Hele Hele Hele Hel	bi  Mayor	han han ous eric eric ton tohu tepl
ONTARIO—Concluded.	Stratford. Stony Creek Wedland Whoodstock v. Welland Whalacourt. Agincourt. Agincourt. Agincourt. Laksyon Laksyon Laksyon Laksyon Laksyon Hop. Port Inpo. Baueroft. Croento	Lintonnt. Lintosay. Lakedleid. Madoc. North Gower. Otomabec. Otomabec. Rockliffe Renfrew. Uxbridgo.	Abitibi. Anticosti, B. Point. Anticosti, B. Point. Anticosti, W. Point. Brome. Bronne. Bronne. Bronne. Gipto Chity. Chape Chito. Chipo Chipo Morteal Praspediac. Chipoer. Chip	Hathurst C'Tatham C'Tatham Balhousie Frederfeton Grand Manan Moneton Point Lepreaux St. John St. John St. Stephon Sussex Woodstock
ON	る名称となる日本はおければのは、	THE COMMETER	)	

0 0 0

3 88

53

-

7

10

49

5

13

OF. m-

6.5

4

6.8 95

0 09

24 24

08-7 - 0.5 16,76.1

17

17 61 30

72

BERNITHA Prospect

0000-

70

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, MAY, 1907.

70 (, nm (, p.am 70 (, nm (, p.am 71 (, nm)

11100 13	- 10th 0 0x		0000
		20 10 20	5584
			2525
		0 3 55 335-5 595	SEEE
2	Hall to trail.		205E
7	างสังเสองา	E 12 88 11 20 8	
Ε	mort coner (441		-12-0
2		8 8 PE 19888 754	26tt8
1,100	1thm try	TO DE DOMESTICADEDE ADDIDE	= m
444			
-	tion from.	:	
	marily from the first		
EŽ	1100111		5
55	a'zah t adaiff		
22	ranoq and		pm 1400 1400
	Mean miles		=
	of observations,	2 = 20 0 02 22 =	3335
	Toffmun lato?		
	.9	64 5 15 81- 120	m==-
WO	******		m2m=
×	7. 11.		
۵	11.	NEED OF THE	SEE
2		(5 C = 7) E E E O T = -2	2000
	.11.8		
5	S	= 0 mx w c c c c c c	~×200
N.		21 C CC 00 1-10 1	# # # # # # # # # # # # # # # # # # #
Ē	3.10		n —
KBC	191	- 3 wT w Ww -ws	1 = = -
DII			72[EE
	N'E'		4122
		## ## ## ## ### #####################	X 21-40
		<u> </u>	
Carne	clouded.		2 2
"In the		1+ × × 1+ × 0 ±	t- t-
	Mean amount of		
	Tiblinid		1000
30.04	Mean temperatu		- : :
	range.	<b>デーテ 90000 15 0001</b>	× ×
10	Mean daily	X 22 2 22 2 22 2 22 2 2 2 2 2 2 2 2 2 2	E =
1	.91a(I		- CD (73 PM PM
			1000
1	Ja9770.1	A R SE SSEE WAS	8525
2			
MTI	Date.	482 434 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	医产品基
8			
116	Highest,	2	16598
ž	11987× Observin	8 2 88 °E58 888	១ភនន
	топп атегаде.	7 3	m → m m
	องการจนินั		
		9 0 CO X-554- XX+	-0 m = [- 
	Menn.	(9 9 dm :21-15% = 9 mm	용성공료
1		20 4 00 31	22
	.одпя31		30. 02 82 83 84 10 20 23 0 26
1 5	759,500	55 19 01 ::	23
10,		<u> </u>	1 8
, ž	Teauffill	를 하는 1월 11일 · [편집 ] · [편집 ] · [편집 ]	2 €
7.		<u></u>	
ř.	Mean reduced.		22
-		到 到 到	&
1/24	level, in feet.	점정 유무용용의 국장점을 표정 중 :	8 8
	azoda noite mid		
4	'w abungana	- FRESHER - FRESH - FRESH	57882 83353
	*** (untimum)	. 226664242662	
	141 1200 212	- = 2012	81582E
	Z obutita.l	######################################	वधवदध
		_5	
		Tion the second	
		± 1/2	:
	ż		
	NO.	4 SE 9	1 4
	HOW.	on Gings and A. A. Own	outt.
	TATION.	ortla C. C. C	Point
	STATION.	Scotla fax.  Hastings shoro of Island, E. of Island, M. of	our Point nnell r Norman. it Rich ohn S.
	STATION.	va Scotla alifax: alifax: iclon ort Hastings arrelero; where: where is a control of ble Island, M. the Island,	mour Point hannell ape Norman, oint Rich
	STATION.	Nova Scotla Hridgetown Hridfox a Picton Dert Hatfings Parshoro Sable Island, M. Station. Sable Island, M. Station. Wolfville Wolfville Whitebead. Wolfville Yarmouth P. E. Island Charlottetown.	Amour Point Channell Cape Norman. Toint Rich St. John's.
	PRINSORE TRANSPORE TO THE TRANSPORE TO THE PRINSPORE THE P	Highest Jones Jone	The properties   The

## PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER, &c., DURING MAY, 1907.

		BAL	NFAI				3 X O W	FALL	7	To Annual State of the State of
STATION.			-						-	REMARKS-
	Amount in inches	No. of Days, 91, or Over	Fair	Heaviest Fall in Month	Pate	Amount in inches		He eviest Fall in Month	Date.	
_										
BRITISH COLUMBIA—	in.		OH	in.		in.		in.		
Coquitlani Denman Island Goldstream Lake	11:37	4 6 5	27 25 26	1°21 1°12 0°57	10 8 10					
Hartley Bay Naas Harbour Nanaimo	1.54	3	26	0.34	19					
Somas River Royal Oak Swansow Bay	3°24 0°52 1 12	5 3 9	26 27 22	1:47 0:43 0:80	10 19 14					
ALBERTA-										
Bardo Beaver Hills, W	0.31	1 8	27 20	0:30 0:21	20 8	6°5 6°6	3 5	5 () 2:5	11 11 21	Thunder 28th.
Bismark Bruederheim Bittern Lake.	0161 0186 0190	3 5 6	26 23 22 24	0°32 0°13 0°41	20 29 21	2:2 17:0 5:0	3 1	112 110 23	9 11 11	
Coutts	3:75 0:60 0:75	6 3 1	26 27	1:00 0:50 0:75	21-29 21 21	1.5 5.0	1 2 2	110 110 5 0	1 11 9-11	
Doronlee	0°61 1°16 1°16	3 9	25 28 21	0°33 0°50 0°27	21 31 8	6.5 6.8	3	3.0	21	Thunder 28th.
Islay Innisfail Josephburg. Jumping Pound	3 14	2 6 5	28 25 26	0°40 1°80 1°15	22 8 20	0°5 2°0	1	0°5 2°0	8	
Lacombe	0°34 1°17	8 2 6	16 27 25	0°34 0°33 0°47	21 31 17	1.5	1	1.0	8	Thunder 28tb.
Magrath Mayton Morinville	0:78	3 6 5	27 25 27 22 23 25 24	0.58 0.44 0.25	16 21 21	6.0 1.0 7.5	1 1 3	610 110 417	9 11	
Okotoka Ponoka Siou	0°84 1°17 1°13	6 6 6	25 24 21	0.35 0.77 0.42	21 21 21	2:0 5:2	1 3	2·0 2·2	10 10	Thunder 28th, 29th.
Stirling. Saddle LakeVermilion.	R	2 2 8	17 26 20	0°10 R 0°47	$\frac{17}{21}$	2·8 5·2	2 2 2	1'8 4'5	12 9	
Wabamun	1 (1)		20	0 11	21	3.2		. + 0	47	
Elm HowInsinger	0.73	6 3	23 22	0:19 0:50	31 21	2·0 1·0	2 5	2:0 1:0	8 11	Aurora 14th, 19th, 22nd,
Last Mountain	0:68	3 4	23	0·29 0·26	28 28	2:0	3 5	1:0	- 10	thunder 28th. Thunder 28th. Thunder 28th. Thunder 28th.
Regina Hanley	0.40	3	28	0.20	27					,
Manitoba— Cartwright	2:20	6	22	0.80	4	1.5	4	1.0	1	Aurora 14th, thunder 2nh.
Gretna Norquay Rapid City	0148 0109 0126	2 2 7	26 21 23	0°35 0°08 0°20	29 28 29	7.5 2.4	 	3.0	 5 11	
Beaver Rosebank	1.05 1.05	2 2	29 29	0.70	29 29	*	3			
Ontario-										
Aurora Arden Croydon	1:33 1:63 1:35	4 5 3	23 23 28	0.85 0.83 0.60	15 1 4	3:5 7:0 4:0	3 2	3:2 4:0 4:0	5	
Deer Park Dutton Emsdale	1:05 2:43 1:76	5 4 13	24 21 14	0.62 1.04 0.33	26 26 28	3.0	6	3.0	28	Thunder 13th, 14th.
Georgetown	0.75 1.73	10	26 21	0.30	26 26	2·0 1·0	3	1.0 5.0	28	Aurora 13th, thunder on 13th, 26th.
Huntsville Lansdowne MaeCue	1°26 0°83	5 5 3	25 12 27	0.68 0.18 0.33	15 4 26	1.0	2	0.8	28	Thunder on 13th.
Midland. Montague. Orangeville.	0°88 1°77 2°37	5 4 4	19 27 25	0:43 0:49 1:29	15 26 16	2·0 5·3	2 2 2	2.0	4 4	
Parma Prineeton Sydenham	4.76 2.05	8	21 27 23	1.94 1.00	27		3	,		Thunder tetle of the
Strathroy. Wyoming. Watford	2:80	6	1	0.87	25 27 25 15	3.5	ļ <del>-</del> - :	3.5	-	Thunder 18th, 27th. Thunder 18th, 19th.
Westport	1:03	3 3 5	26 23 23 25 26 27	0°38 0°52 0°53	15	3.0	3 3	3.6	$\frac{4}{27}$	Thunder 18th, 19th. Thunder 26th,
Wiarton Enniemore	0.78	3	26 27	0°45	28 26	4.0	3	1.0	4	Thunder 25th, 18th.
New Brunswick—	0.77	1	24	0.63	30	1.1	1	1.1	11	Fog, 17th 19th.
Point Escuminac	0 11	1	24	0 03	(N)	1 1	1		**	

PROPORTION OF BRIGHT SUNSHINE REGISTERED IN EACH HOUR OF THE DAY DURING WHICH THE SUN WAS ABOVE THE HORIZON IN THE MONTH OF MAY, 1907.

		House Ending															
STATIONS.		5 A. M.	6 в. пр.	7 a. m.	× a. m.	9 a. m.	10 a. m.	П в. т.	Noon.	l p. m.	- b. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	5 p. m.	, p. n.
Victoria			0.05	0.54	0.47	(241)	0.72	0.75	0.82	0.86	0.85	0.82	0.76	0.63	0.57	0.13	
Nanaimo		0105			(1)	1		0.61	0.68			0 (2)		0 (2)		0.36	
Agussiz		17 121	0 (6)	1	0.52	0.62	0 693		0.65			0 696		0 49			
Kamloops			0.25	0 45		0.477		0.69	0 (%)		0 04	0.57	0.58	0.52			0.01
Savonas			0.11		0.54	0:39		0 (2)				0.55	0.61	0 01		0.53	
Calgary		0:02	0.19	0.10	1	-		0156			0 47	0: 67	0.41	0 42		0:10	
Medicine Hat		0:15	0:27	0:35	0.39	0.25	0.22	0156	0.59			0.35	11 52	0.25		0.02	
Edmonton		0.07	0138	0.43	0.48	0:50		0.48	0.46		1	0:49	0:37	0137		0.20	
Battleford		.,,,,	0 02	0.50	0.31	0.52	0.32	(0.34	0.32		0.30		(1:28)	0.26	(+ 20	0.03	
Indian Head			0.02		0:45			0.51	0.54		0:51.		0.2	0.52	0.49	0.40	
Brandon		1	0:00		0.42			0.70			1	1	0.47	0.47	0.42	0.45	
Winnipeg			0.19		0.21		() (2)	0.66	0.64	0.03	0.63	0.68	0.62		0.35	0 (4)	
Woodstock .			0.(3)	0 43	0:51	0156	0:57	() (()	+ (j()		0 61	0.60	0.59	0.25	0.44	0.18	
Toronto.			0.03	0:43	0156	0 61	0158	0158	0.62	0.07	0.08	0.67	0.67	0.61	0.45	0:00	
Lindsay.		0.01	0.55	0:32	0.52	0.64	0.24	0162	0.59			() (53)	0:6	0.56	1	0.43	0:11
Barrie			1020	0:52	0.60								0166			0.08	~ 11
Gravenhurst				0 172			() ()	17 (34)		17 (16)	00		11 177	0 (2)	0 1/2	., (*)	
Haileybury		0.03	0.52	0:43	0.38	0.39	0:41	0.48	0:51	0:51	0.53	0.21	(+ 4.5	0:13	0:16	(1:40	0.03
Kingston		0 00	0.24	0156	0.61	0.62	0.65	0 67	0.00	0.61	0:59	0.21	0.54	0.51	0.48	0.11	17 10
Ottawn			0.08	0:35	0.19		0.61		0.66	0 65	0.28	0159	0.50	0.49	0:42	0.07	
Montreal .			0:04	0.25	0.38	0148	0:48	0.47	0.39	0:41.	- 0	0.31	0.34	61:25	0.46	0.00	
Sherbrooke			0:11	0.31	0:42	0.43	0.51	0.22	0.46	0.49	0 12	0:50	0.49	0.10		0:13	
Quebec			0.08	0:30	0.40	0.42	0.47		0:47	01.50		0.47	0.41	0 42	0:37	0:47	
Fredericton.			0.14	0:34	0:44			0.40		035	0.45			0.32	0.36	0:11	
Charlottetowo.			0.17	0.39		0:50		0.55			1		0 10		0.58	0.31	
interest of			9 41	11 1131	च बत	9 ,00	17 125	0 00	47 427	(F (N)	0.44	47 417	(4 [1)	0.51	0 24	17.31	

								-			٠,	_													-
	Victoria.	Nanaimo.	Agassiz	Kamloops,	Savonas.	Calgary	Medicine Hat	Edmonton.	! Buttleford.	Indian Head.	Brandon.	Winnipeg.	Woodstock.	Toronto.	Lindsay.	Barrie.	Gravenhurst.	Haileybury.	Kingston.	Ottawa.	Montread.	Sherbrooke.	Quebec,	Fredericton	Charlottetwn
Mean propor- tion for month Constant sun- shine being t	0155	0.52	0-13	0.48	0:46	0:39	0:40	0:40   	0.23	0:10	0 11	0:47	0. (6)	0.48	() J()	0.52		0 13	0130	0-15	0.334	0137	0:36 (	. 31 (	38
Difference from average.	+ 0 49	_	÷ 0.13					- 10	0.24	0.48	0:01	0.08	+0.03	4 (FO)	40.03	; 0.06			4.02	i. († 196	0:18			1 10	
Maximum daily amount.	. 0.84	0.88	0.71	() (#)	0 48	0 95	0°90	0.14	0.76	0:31	0.81	0.85	01:89	0182	411-617	0.87		0.91	0.41	0.57	():4P.1	11759	(r:85)	791	1.87
Date .	68:30	30	12	1	6	1	2	2	19	6	13	13	30.	1	20	11		21	1	1	13.7	13.7	25	18	26
No.ofdays.com- pletely clouded		6	5	. 1	2	9	3	7	13	5	0	2	6	2	1	1		ı	3	1	4	-1	- 5	6	5

#### Aurora recorded :-

- Where the class of aurora is noted by the observer, it is given, (I) being the brightest, (IV) the feeblest in brilliancy.
  - 1. Waitefield, IV.
- 2. St. Albans, II: Waitefield, III; Pakan, III; Пillsdown, IV; Gray Hill, IV; Haileybury, III; Quebec, III.
  - 3. St. Albans, III; Waitfield, IV; Haileybury, IV.
  - 4. Waitefield, IV.
  - 5. Halifax, IV.
  - 12. Lucknow, IV: Waitefield, III; Pasbebiac, Grand Manan, IV; Vancouver, III.
  - 13. Georgetown, IV; St. Albans, IV; Clinton, Pakan, HI; Toronto, IV.
  - 14. Cartwright, IV; Waitefield, I; Hillsdown, IV; Gray Hill, III; Insinger, IV; Halifax, IV.
  - 15. Waitefield, III: Blackfalds, Edmonton, IV; Minuedosa, I.
  - 16. St. Albans, IV: Waitefield, IV.
  - 18. Copper Cliff, Lake Talon, Lucknow, IV; Waitefield, IV; Toronto, IV; Haileybury, III.
  - 19. Waitefield, IV; Estevan, Insinger, IV; Birnam, IV; Toronto, IV.
  - 20. Channell, Nfl'd.
  - 22 Insinger, III.
  - 25. Grand Manan, IV.
  - 26. Kingston.
  - 28. Lake Talon, Beatrice.
  - 30. Waitefield, IV.

#### Thunder recorded on:

- 4. Oakbank.
- 5. Ladner, Prineton, Chilliwack, Vancouver.
- 6. Vancouver.
- 7. Hillsdown, Gray Hill, Blackfalds.
- 9. Barrie, Chicoutimi.
- 10. Vancouver.
- 11. Edmonton, Yarmouth.
- 12. Bruce Mines.
- 13. Emsdale, Georgetown, Lansdowne, Lake Talon, Bruce Mines, Cockburn Island, Beatrice.
- 14. Emsdale, Lake Talon, Uplands, Bruce Mines, Sutton West, Cockburn Island, Brome, Haileybury, Parry Sound, Montreal.
  - 15. Ennismore, Barrie, Gravenhurst.
  - 16 Sutton West, Medicine Hat.
  - 17. Birnam.
- 18. Strathroy, Westport, Ennismore, Lake Talon, Brantford, Paris, Birnam, Madoc, Peterboro'' Chicoutimi, Port Stanley, Lindsay, Haileybury, London, Quebec.
  - 19. Westport, Edmontou, Chilliwack.
  - 20. Estevan.
  - 21. Naas Harbour.
  - 22. Alberni, Rivers Inlet.
  - 23. Big Creek.
  - 24. Big Creek.
- 26. Georgetown, Wiarton, Owen Sound, Meaford, Clinton, Lake Talon, Lucknow, Cockburn, Island, Barrie, North Bruce, Brantford, Hamilton, Princeton, Paris, Stoney Creek, Birnam, Port Dover, Port Burwell, Agincourt, East Toronto, Madoc, Port Stanley, Toronto, Charlottetown, Lindsay, London.
  - 27. Strathroy, Sutton West, Birnam.
- 28. Waitefield, Red Willow, High River, Okotoks, Heather Brae, Gatesgarth, Beaver Hills W., Moose Jaw, Insinger, Last Mountain, Regina, Edmonton, Swift Current, Jumping Pond.
- 29. Cartwright, Almassippi, Oakbank, Retl Willow, Gray Hill, Okotoks, Waitfield, Qu'Appelle, Winnipeg.
  - 30. Gray Hill, Gatesgarth, Calgary, Swift Current.
  - 31. Kenora, Big Creek, Swift Current.

#### FORECASTS FOR MAY, 1907.

The forecasts issued by this office at 11 p.m. each night, are posted up at every telegraph station in Canada, and are for the 24 hours beginning at 8 a.m. the following day.

The number of predictions issued during the month was 1325. These were divided as follows:-

		\.	Verified.						
	District.	No. bssued.	No. Fully	No. Partly	No. Not	Per- centage,			
Alberta		81	72	5	7	88.7			
Saskatchewan		٧)	67	10	3	9 0			
Manitoba		28	-1	7	8	86.6			
Lake Superior		123	95	20	м.	85-1			
Lower Lake Region		128	10 )	21	7	86.3			
Georgian Bay		126	98	19	9	85.3			
Ottawa Valley.		110	89	16	5	88-2			
Upper St. Lawrence		100	80	16	1.5	8910			
Lower St. Lawrence		121	185	19	I .	88-8			
Gulf.		120	315	20	J	8715			
Maritime Provinces, West	•	119	91	18	7	8615			
Maritime Provinces, East.		119	13	21	7	81:0			
Total		1325	1058	195	71	87 11			

In order to obtain the percentage of verification of the predictions, the number partly verified is divided by two and added to the number fully verified, and the result divided by the total number issued.

In ascertaining to what extent the predictions have been verified, the reports from the agents at all observing stations, as well as the telegraphic reports, are used.

•	R. F. STUPART,
Meteorological Office, Toronto,	Director
2nd July, 1907.	

#### DEPARTMENT OF MARINE AND FISHERIES, CANADA.

METEOROLOGICAL SERVICE.

# Westher Review.

VOL. XXXI.

JUNE, 1907.

No. 6.

#### INTRODUCTION.

use of are the telegraphic reports of In compiling the present Review the principal data mass observations received at this office for the purpose of weather forecasting, and repost by mail from voluntary observers and storm signal agents. For the material used of tracing the paths of areas of high and low pressure in the United States, we are indebted the Chief of 1967 Weather Bureau, Washington, D.C. FORON?O

#### REMARKS UPON THE WEATHER

The weather over the lower mainland and islands of British Columbia did not depart much from the normal, but it was somewhat drier than usual in most districts. Much fine weather was recorded during the first five or six days, also after the 16th the rain recorded occurring chiefly between the 5th and 17th. The temperature was exceedingly variable, and at Alberni a daily range of between 40° and 50° was occasionally recorded after the 19th. Vegetation was in excellent condition on the 30th. Over the upper mainland the weather was quite similar to that in districts to the westward, the only marked departure being in the rainfall-which was light in most localities. From the 5th to 9th rain occurred frequently and there were also falls about the 15th and 23rd to 30th. In this portion of the province vegetation was considerably retarded by the dry weather,

In the Western Provinces the only marked departure from the average noticeable was in the rainfall which, though varying somewhat with the district, was below the average at most places. The falls recorded, though light, were quite frequent and were well distributed through the month. Cloud and sunshine followed in quick succession, but dull weather preponderated. Owing to the unusually favourable weather prevailing, vegetation made splendid progress and by the 30th its condition was not much below the average.

The weather in Manitoba was slightly cooler than usual, but at many places the mean temperature was normal and the greatest departures were less than 2° below the average. The proportion of bright sunshine was considerably below the average and rain was frequent, the chief falls occurring about the 4th, 10th to 12th, 16th, 20th to 24th and 29th. Vegetation was backward on the 30th, but it made excellent progress during the month.

The weather in Ontario was somewhat cooler than usual, excepting in northern districts where on the contrary the mean temperature at many places slightly exceeded the average. A marked rise in the temperature occurred after the 12th, 80° being frequently exceeded and 90° being occasionally recorded at some places. Much fine weather was reported between the 6th and 18th, also after the 26th, but the preportion of bright sunshine was below the average. Rain was recorded generally about the 4th to 6th, 18th, 19th, 22nd, 26th and 30th, the aggregate amount being below the average at most stations but above at some places. The condition of vegetation on the 30th was normal.

In the Province of Quebec the weather was a little cooler than usual in most districts, but in the vicinity of Montreal and at some northern stations the mean temperature on the contrary was slightly above the average. After the 12th much warmer weather prevailed, but at many places several rapid changes in the temperature characterised the weather of the latter half of the month. Much fine weather was recorded during the first four days, also from the 10th to 18th the chief rainy periods occurring about the 5th to 9th, 19th to 27th and 30th. Northeasterly winds prevailed and on the 30th vegetation was backward.

The weather in New Brunswick was somewhat cool but after the 11th, although there were occasional relapses, there was a marked rise in the temperature, 80° being exceeded upon several days. Exceedingly dull weather generally prevailed, but from the 1st to 5th and 12th to 19th much bright sunshine was recorded. Rain, which in the agregate was light, was recorded chiefly about the 6th, 9th, 16th, 21st, 25th and 27th. Light frosts were noted during the first half of the month, but little damage was caused thereby. Vegetation was backward.

In Nova Scotia the weather was quite cool more especially up to the 12th when temperatures at night between 35° and 45° were frequently recorded. After the date mentioned warmer weather was general. Throughout the month there was much cloudiness and there were few bright days, nevertheless the rain which was recorded chiefly about the 7th to 10th, 16th, 20th, 25th, 27th and 30th was light in the aggregate. Vegetation throughout the Province was backward.

The weather in Prince Edward Island was characterised by frequent cold easterly winds up to the 17th and the mean temperature of the month was below the average. After the 17th it was generally much warmer, but low temperatures at night were frequent. Dull weather prevailed, but the rain which was recorded about the 7th, 21st, 52th and 27th was below the average quantity for the month. Light ground frosts were reported but they appear to have done little damage, and on the 30th the condition of vegetation was normal. –F. F. Payne.

#### ATMOSPHERIC PRESSURE.

A subnormal value of the mean atmospheric pressure for June was recorded throughout Canada, except over Northern Ontario, Quebec, and the Maritime Provinces, where the normal was exceeded. A range of departure from average of 0.18 of an inch occurred, the extremes being —0.08 of an inch at Edmonton, Alta., and Battleford, Sask., and +0.10 of an inch at Father Point, Que.

#### HIGH AREAS.

The anti-eyclonic systems of June were, for the most part, of feeble intensity, and as a rule exhibited a tendency to disperse as they passed eastward.

Six areas were charted during the month, three of which were first observed over the far Northwest, and pursued a southeasterly course to the Middle Atlantic Coast. Two systems came into the field of observation from the Hudson's Bay Region, and one from the Middle Pacific Coast. The centres of all the systems ultimately passed eastward to the Atlantic.

#### LOW AREAS.

Eight areas of low barometric pressure were charted during June, the majority being of feeble energy, and assuming an erratic course. The systems exhibited a tendency to hover while over the western portion of the continent.

The areas were first observed over the North West Territories and South West States, and, as a rule, followed a converging, irregular course to the Gulf of St. Lawrence. The accompanying precipitation was generally light, and few areas gave stormy conditions.

#### WINDS.

In British Columbia, light southerly and southwesterly winds predominated during June.

In Alberta, the northwesterly direction was most in evidence with three days of strong breezes, eight of fresh, and local gales on one occasion.

The northwesterly direction also prevailed over Northwestern Saskatchewan, elsewhere in the Province the direction was more variable. Gales were recorded on several occasions and strong breezes were also frequent.

In Manitoba the direction of the wind was variable, and strong breezes were of frequent occurrence; also gales were recorded on from five to eight days.

In the Lake Region the direction of the wind was largely variable, and fresh to strong breezes were of frequent occurrence, also local gales were recorded on three days.

Strong southwesterly winds prevailed throughout the Ottawa and Upper St. Lawrence Valleys. Local gales occurred on three occasions.

In the Lower St. Lawrence Valley and Gulf, strong northeasterly winds were most in evidence, and gales were experienced on six occasions.

In the Maritime Provinces the direction was southerly and southwesterly, and strong winds were occasionally recorded as well as one gale.

#### TEMPERATURE.

The mean temperature was a little higher than average in the northern portions of Ontario. Manitoba and Saskatchewan and on Vancouver Island, while in other parts of the Dominion it was below average, the largest negative departure, about 4°, being in Southwestern Ontario. The month opened rather cool in nearly all parts of the Dominion, but within a few days the weather became warm and seasonable. In the West no very pronounced heat spells occurred, but in Ontario and Quebec after the 16th the temperature frequently exceeded 80°, and on several days 90° was reached in many localities.

The Highest and Lowest temperatures in each Province during June 1907, were:

British Columbia,	95° ·0 or	23rd at Salmon Arm, 25° 0 on 12th at Big Creek.	
Alberta,	88° 6 on	27th at Lethbridge, 24° ·0 on 1st at Kneeihill.	
Saskatchewan,	88° 0 or	26th at Battleford, 32° ·0 on 4th at Alameda and Moose Ja	W.
Manitoba,	92° 0 on	20th at St. Albans, 28° 5 on 5th at Brandon.	
Ontario,	96° 6 on	17th at Haileybury, 31° ·7 on 11th at Clontarf.	
Quebec,	91° ·5 on	23rd at St. Ann de Bellevue,—31° 0 on 8th at Father Point.	
New Brunswick,	94° ·0 or	at Woodstock,—29° ·0 on 1st and 4th at Sussex.	
Nova Scotia,	87° ·0 or	at Windsor—27° '9 on 2nd at Sydney.	
P. E. Island,	85° 0 or	24th at Hamilton, 34° ·0 on 4th and 11th at Summerside.	

#### RAINFALL.

Over the Dominion as a whole the rainfall of June was less than average, the most pronounced deficiencies occurring in Southern New Brunswick, New Ontario and in British Columbia. In Alberta the fall was nearly average, as it also was in Northern New Brunswick and Southwestern Ontario. Nearly all stations in the Province of Quebee recorded an excess approximating one inch; and Western Manitoba and Soutnern Saskatchewan also recorded an excess, and in some few localities the rainfall may have been as much as double the average amount.

#### BRIGHT SUNSHINE.

Bright Sunshine was deficient throughout Canada during June, except in Vaneouver Island, B.C., and near the eastern end of Lake Ontario, Ont., where slightly supernormal values were recorded.

The extremes of departure from average were -10% at Brandon and Winnipeg, Man., and + 4% at Victoria, B.C., and the maximum daily amount, 97%, was registered at Lindsay, Ont., on the 27th.

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JUNE, 1907.

٠	-				27	2000 2000 2000 2000 2000 2000 2000 200	0 4 2 2 2 6	0 11 0 -	2.20		2.2.2 2.2.2 2.2.2 2.2.2	100 100 100 100 100 100 100 100 100 100	11 12 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8000 Birth 2000 Birth	55	0.800.73 11111 6.3 0	0 2 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.03 1.28 0.0 0.1 1.75 6.21 0.0 0.0
	PRIMARY	tanour.	=		-	23527 715	21	± =	7/3	972 		11- <u>5</u>	· -	m II A m tier	27	<del></del>	5828 	0 m
	40.	Pate and direction		7						13.5	= ,			8				
	VELOCITY WIND.	Higher day's		, in						15 (1)	1 - 1			-				
	V.	Mean miles		-		_								_			~	
		Total niunber agoits and a section of the section o		0 1		<i>⊽</i>			88	= 21	5	9		£			- E	
¥	W O	.)		_		=			712	25	_	m		5			=	
Stations not furnished with Registering Thermometers	FROM	.m.		- 21					-=	53.7	-			. 3			=	
monn	WIND	://·S		23		2			17.5	2121	71	==		- (-			Ħ	
The	30	'S		. A		57			= 5	=-	Ξ	=		. =			m	
ring	DIRECTION	J.S.				-			27.0	22	=	21					23	
PEINE	нес	E,	:	71					-=	;= <u>m</u>	=	71		22			21	
th R	I	Z.E.				71			1-5	250	-	:71					_	
w ba		7.		- 22		1-			a.					- 21				
nishe	.cletely	No. of days comp							- [10									
t fur		humidity. Mean amount of								1-	91			7				
11N 110		Mean relative	- :															
tatio	10 946	range.	1.		_	===:	21	25 LT			1. 1/2.	211-12	20	× = 1	47		REITE	8 5
, W		Date, Menn dally	200.285	5 31 18 5 81	1 1 1	5955 2872	12 12	N 12		2000		프라마 프라마	81 01	5332 3157	21.00.		祖宗五郎	- 8 · 8 · 9
vol.	ı,	Lowest			F :	5055 SEE	- 0	0 E		9 5 5 5 13 5 5		2000 3,43	9.15	See See	37.5 10.0 H		2000	0 0
a Barometer not reduced to Sea Level	Temperature	Date.	S3:		21	9898	53		888			555	55 ·	71831	9.9		3355	A A
I to S	PER	Highest.	011		=	-23-12						The	=	==:-	==		2.00.2	E =
lner	Ткм	Years observin	26 82	S 21	= =	9 E 5 E	19 6	2 · 9 ·	## S E	1275	27	200	1	2 5 E	12.5	21 %	72.9E	176
ot rec		Difference from average.	1-1 21-	- 1		= -		7	. 6 6 1	0 0	==	= =	0.211	2 2 2	11.11	_	71 T	
ter n		Меви.	5.73	3 3	18	#21-4 #888	9 19	23 13 23 23	5000 5000	15 45 15 45	157 著名	E88	39	0.00 N		76 F	9848	9 9
rome		Range,	# 1			7			1 n 1 %	2	Ē	la:		3			BE	
a 13n	RE.	Lowest.		100		7 8 8 8			4	SS 20 20 20 20 27 0 28	- 12	-		694			55 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
	l'ræssure	Highest		- H		- 51 - 51			F1	8	- 51 23	· 4		- 51			2151 248	
		Mean reduced.		73 - 19 65 65 65 65 65 65 65 65 65 65 65 65 65		8			1103 SO NO SO SO SO IN O		60 T 81 65 55 45 66 65	70 0 H 52 35 05 00 00		1500 1156 20 30 68 30 11 29 15 0 50			88 88 88 88	
				F1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25 E E E E E E E E E E E E E E E E E E E	100	聖養	8	₹ 8 8			583	8 129 129 129		- 125 25 35 35 35 35 35 35 35 35 35 35 35 35 35	원원 2품	- 100 213
	1000 6	Elevation above	n 2:			종 작동 홍리왕으로		무당 무당의		21	-	1535 1535	= 51	848		い名 名の五	<u> </u>	0 2073 0 2073
		.W obgitado W.	23	2 23	1559		88	512E	535	1205	31315		528	超三四	123	525	555 555 555 555 555 555 555 555 555 55	12 82 1 0 83 61
		Latitudo N.	23					255				1227		क स अस्म		REE	<u> </u>	75
		STA HON.	Buttesh Columbia	Athalmer Athalmer Atha	Bella Coda Bullon Banfon	Big Great Coldstream Chillwark Chyquat. Cambrook	Cowtehan Cape Scott Early by	Gary Point Glacier, Golden	Kitunops Kitunat.	Massett aNatonimo Nicola Lake	North Viconten. New Westminster. Nelson	Nickel Plate Okomogan Mission . Port Simpson Pentelon	Principal Filot fay.	Quesnelle Rivelstake Rivers Inlet	Stract's Lake. Salmon Arm	Spence's Bridge Tobacco Phins Thetts Island	Virlorin Vancouver, Winter Barbor,	YTKON: Careross. Dawson White Horse
QL)			3							2					-			

		15m6 -	Note that		5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
22222 22	500 2-0		===m ===		10 2 40	
	: 812 273		3150H TEST	3 812	24 5 52	55 553 TENE
124 12 12 12 12 12 12 12 12 12 12 12 12 12	22×		GENT AFFOR		55 s s2	
898 888 889 98 8888 98 88 98 98 98 98 98	### 1		- 年度号二 15年7日 - 15日 - 1		25 18 18 18 18 18 18 18 18 18 18 18 18 18	
<u>~</u> 3 8 8		A.E.		4 588	2 3	
<u> </u>		21 m	17	= = = = = = = = = = = = = = = = = = = =	7 9	9 9 9
의 호 한 한 한 한 한 한 한 한 한 한 한 한 한 한 한 한 한 한			회복정인 (발공회		82 G 15	
The second secon		- m	0110 (656-	71 0		in and mod
∑ : ½ : . × : : : : : : : : : : : : : : : : :			<u> </u>			
		نفت حنفي				
	38 1 1 1 1	18 1 8	- R 88 R	2 55	<b>3</b> ;5 3	3.3
章:※ := : <b>2</b>	to the	<u>-</u> -	10 0 = 10 T	x 31 x	12 : 12 : :	95
	: : : : : : : : : : : : : : : : : : :	· · · · · · · · · · · · · · · · · · ·	1 2 - 201 31	1 1-21	1- 2 2	
	1					
		. 21		21 ==	(a) (b)	, = x
12 12 1 1 1 1 1 2 T			- Tee E	0.0	3 3 7	3
	10 11 1		0 -0 0	ক হাক <b>্</b>	=:= *	
- 2 : 5 : 12 = 12		F : : : ○	* == == :	= -21 -	140 1 Pt (2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Tie 1 Tii ii ii	x · · · x	·0 (=31 (9 )	o × × =	· 10 = = = = =	200
े विकास के स्थापन			-m -xc1c -1	m i i i i i i i i i i i i i i i i i i i	10 1 10 2	9
: no 10 : in : 2001 : 20						
: : : : : : : : : : : : : : : : : : :				53 CC		~ 10 ·
;; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;			:	1-1-		
		- 16		201-	: ::	
21/2/2021 (22)						
	######################################	the second second second	10000 141- <del>4</del> 31888 838			00 00 00 00 00 00 00 00 00 00 00 00 00
		8 1268		8 555		in 1588 88
<u> </u>	5668 5685 666 5685		<u> </u>	<u> </u>	5781 89 69 69 69 69 69 69 69 69 69 69 69 69 69	18 19 18 18 18 18 18 18 18 18 18 18 18 18 18
នានិក្សាតា មិន នាក្សានាក្សាក្សានិក្សាត	5668 5685 666 5685		_ 31 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5781 89 69 69 69 69 69 69 69 69 69 69 69 69 69	18 1888 888 8 1988 888
	\$68 \$35 669 555 585	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3355 535 	6 5000 6 6000 6 8000	60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15
######################################	200 000 200 200 200 200 200 200	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3333 535 	6 5000 6 6000 6 8000	### 61 64 ### 61 64	12.22 12.23
######################################	\$158 \$155 \$155 \$155 \$155 \$155 \$155 \$155	8 33.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15-27-28-28-28-28-28-28-28-28-28-28-28-28-28-	100 100 100 100 100 100 100 100 100 100	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
28 28 28 28 28 28 28 28 28 28 28 28 28 2	25.25 20.00	8 33.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0	27   27   28   27   28   27   28   28	41.1 27 33.0 12.1 27 33.0 2.2	### ##################################
	25.25 20.00	N   N   N   N   N   N   N   N   N   N	88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0	27   27   28   27   28   28   28   28	0.18 91 0.89 0.18 91 0.80 0.18 91 0.80 0.18 91 0.80 0.18 91 0.80 0.18 91 0.80 0.18 91 0.80 0.18	### ##################################
######################################	25.25 20.00	N   N   N   N   N   N   N   N   N   N	15-27-28-28-28-28-28-28-28-28-28-28-28-28-28-	1.00   1.00	41.1 27 33.0 12.1 27 33.0 2.2	### ##################################
1	8 25 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10   10   10   10   10   10   10   10	- 0.3 12 81 0 27 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1.00   1.00	- 2.72 - 2.72 - 2.72 - 2.72 - 2.73 - 2.73	1
	86 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	+ + 0.8   33.0   1.5   1	88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0	27   27   28   27   28   28   28   28	- 2.72 - 2.72 - 2.72 - 2.72 - 2.73 - 2.73	11
23.1 + -1 + 2.1	52. 8	55.2 + 0.8   1.5   0.0	- 0.3 12 81 0 27 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	58.1 0.014383.0 27 32.0 123 59.5 + 1.9128.8 0.2 5 32.5 124 58.3 0.8 21 81.8 27 31.5 121 58.9 0.7 23.8 18 2 27 32.5 121	58.5 - 1.00 58.00	1   1   1   1   1   1   1   1   1   1
23.1 + -1 + 2.1	52. 8	55.2 + 0.8   1.5   0.0	- 0.3 12 81 0 27 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	58.1 0.014383.0 27 32.0 123 59.5 + 1.9128.8 0.2 5 32.5 124 58.3 0.8 21 81.8 27 31.5 121 58.9 0.7 23.8 18 2 27 32.5 121	58.5 - 1.00 58.00	1   1   1   1   1   1   1   1   1   1
23.1 + -1 + 2.1	52. 8	55.2 + 0.8   1.5   0.0	- 0.3 12 81 0 27 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	58.1 0.014383.0 27 32.0 123 59.5 + 1.9128.8 0.2 5 32.5 124 58.3 0.8 21 81.8 27 31.5 121 58.9 0.7 23.8 18 2 27 32.5 121	16.0 0.18 91 0.88 0 1 0.98 0.0 1 1.09 0.00 1 0.08 0.0 1 1.09 0.00 1 1.00 0.00	1   1   1   1   1   1   1   1   1   1
23.1 + -1 + 2.1	52. 8	55.2 + 0.8   1.5   0.0	- 0.3 12 81 0 27 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	58.1 0.014383.0 27 32.0 123 59.5 + 1.9128.8 0.2 5 32.5 124 58.3 0.8 21 81.8 27 31.5 121 58.9 0.7 23.8 18 2 27 32.5 121	16.0 0.18 91 0.88 0 1 0.98 0.0 1 1.09 0.00 1 0.08 0.0 1 1.09 0.00 1 1.00 0.00	1   1   1   1   1   1   1   1   1   1
23.1 + -1 + 2.1	52. 8	55.2 + 0.8   1.5   0.0	- 0.3 12 81 0 27 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	58.1 0.014383.0 27 32.0 123 59.5 + 1.9128.8 0.2 5 32.5 124 58.3 0.8 21 81.8 27 31.5 121 58.9 0.7 23.8 18 2 27 32.5 121	16.0 0.18 91 0.88 0 1 0.98 0.0 1 1.09 0.00 1 0.08 0.0 1 1.09 0.00 1 1.00 0.00	1   1   1   1   1   1   1   1   1   1
23.1 + -1 + 2.1	52. 8	55.2 + 0.8   1.5   0.0	- 0.3 12 81 0 27 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 4 29 2 1 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 35 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	58.1 0.014383.0 27 32.0 123 59.5 + 1.9128.8 0.2 5 32.5 124 58.3 0.8 21 81.8 27 31.5 121 58.9 0.7 23.8 18 2 27 32.5 121	16.0 0.18 91 0.88 0 1 0.98 0.0 1 1.09 0.00 1 0.08 0.0 1 1.09 0.00 1 1.00 0.00	1   1   1   1   1   1   1   1   1   1
23.1 + -1 + 2.1	52. 8	23.7.28 29.29 29.20 29.29 29.20 29.2	60.3 SN1 SN1 SN1 SN2 CN2 CN2 CN2 CN2 CN2 CN2 CN2 C	27 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	28.52. 30.31. 20.19.0.85. 57.5 1.81.0. 25. 33.0. 121.0. 125. 31.0. 125. 31.0. 125. 31.0. 125. 325. 325. 325. 325. 325. 325. 325. 3	10   10   10   10   10   10   10   10
1550 1550 1550 1550 1550 1550 1550 1550	3550 3550 3570 3580	1820 1820 1820 1830 1831 1831 1831 1831 1831 1831 183	1655 1858 1859 1859 1859 1859 1850 1850 1870	1755 1881 1881 1882 1152 29176 3029 30 10 10 189 1885 1885 1885 1885 1885 1885 1885 1	1571 29.82 30.87 20.10 0.88 57.1 - 2.72 31.0 25 33.0 121.1 157.1 27 31.0 25 33.0 122.1 157.1 27 31.0 122.2 159.0 1	1788 1258 20 23 20 24 24 25 25 25 25 25 25 25 25 25 25 25 25 25
1550 1550 1550 1550 1550 1550 1550 1550	3550 3550 3570 3580	17   1802   180   28   28   28   28   28   28   28	1 1858 1 1858 1 1858 1 1858 1 1857 1 1857	55 7745 57 1884 30 30 41152 29 76 37 29 29 10 189 59 5 + 1 9 22 87 1 21 21 21 29 2 3 3 1 2 3 3 1 2 1 2 1 2 1 2 2 3 3 2 3 2	39 1571 27.23 81.21 27.23 81.0 25 83.0 121 27 38 1571 27 38 10 122 83 1571 27 38 10 122 83 1571 27 38 10 122 83 1571 27 38 10 122 83 10	1788   1788   1789
1550 1550 1550 1550 1550 1550 1550 1550	3550 3550 3570	17   1802   180   28   28   28   28   28   28   28	1 1858 1 1858 1 1858 1 1858 1 1857 1 1857	55 7745 57 1884 30 30 41152 29 76 37 29 29 10 189 59 5 + 1 9 22 87 1 21 21 21 29 2 3 3 1 2 3 3 1 2 1 2 1 2 1 2 2 3 3 2 3 2	39 1571 27.23 81.21 27.23 81.0 25 83.0 121 27 38 1571 27 38 10 122 83 1571 27 38 10 122 83 1571 27 38 10 122 83 1571 27 38 10 122 83 10	10   1788   1888   1889   18
13   13   15   15   15   15   15   15	S   113 SS   9100   S   910	15 102 17 1822 16 108 20 1820 25 20	28 105 30 1615 60 35 8 8 8 17 0 27 35 0 5 22 26 10 10 10 10 10 10 10 10 10 10 10 10 10	21 10.3 56 7745	90 105 3 1870 95 2 30 37 20 10 0 88 57 1 - 27 21 81 0 25 33 0 121 15 106 30 1571 1 27 31 0 155 2 2 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 30 30 30 30 30 30 30 30 30 30 30 30 30	10   10   11   12   13   13   13   13   13   13
### 13 17 1650  ### 13 17 1650  ### 13 17 1650  ### 13 17 1650  ### 13 17 1650  ### 13 18 17 1650  ### 13 18 18 18 18 18 18 18 18 18 18 18 18 18	3550 3550 3570	15 102 17 1822 16 108 20 1820 25 20	28 lbs 30 l6f5	20 105 35 1745 10 103 77 1881 17 101 60 0 1152 29 76 30 29 10 789 58 58 3 0 8 21 82 5 2 2 2 2 2 1 10 4 37 1885	90 105 3 1870 95 2 30 37 20 10 0 88 57 1 - 27 21 81 0 25 33 0 121 15 106 30 1571 1 27 31 0 155 2 2 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 30 30 30 30 30 30 30 30 30 30 30 30 30	10   1788   1888   1889   18
13   13   15   15   15   15   15   15	S   113 SS   9100   S   910	15 102 17 1822 16 108 20 1820 25 20	28 105 30 1615 60 35 8 8 8 17 0 27 35 0 5 22 26 10 10 10 10 10 10 10 10 10 10 10 10 10	21 10.3 56 7745	90 105 3 1870 95 2 30 37 20 10 0 88 57 1 - 27 21 81 0 25 33 0 121 15 106 30 1571 1 27 31 0 155 2 2 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 30 30 30 30 30 30 30 30 30 30 30 30 30	10   10   11   12   13   13   13   13   13   13
10   11   12   13   14   15   15   15   15   15   15   15	S   113 SS   9100   S   910	19 15 102 17 1822 183 29 12 12 18 18 18 18 18 18 18 18 18 18 18 18 18	28 105 30 1615 60 35 8 8 8 17 0 27 35 0 5 22 26 10 10 10 10 10 10 10 10 10 10 10 10 10	21 10.3 56 7745	90 105 3 1870 95 2 30 37 20 10 0 88 57 1 - 27 21 81 0 25 33 0 121 15 106 30 1571 1 27 31 0 155 2 2 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 30 30 30 30 30 30 30 30 30 30 30 30 30	10   10   11   12   13   13   13   13   13   13
10   11   12   13   14   15   15   15   15   15   15   15	50 (48)13 (58) (2000)  41 (31) (38) (3750)  51 (38) (38) (38) (38) (38) (38) (38) (38)	15   15   10   12   13   13   13   13   13   13   13	28 105 30 1615 60 35 8 8 8 17 0 27 35 0 5 22 26 10 10 10 10 10 10 10 10 10 10 10 10 10	21 10.3 56 7745	90 105 3 1870 95 2 30 37 20 10 0 88 57 1 - 27 21 81 0 25 33 0 121 15 106 30 1571 1 27 31 0 155 2 2 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 30 30 30 30 30 30 30 30 30 30 30 30 30	10   12   13   13   13   13   13   13   13
10   11   12   13   14   15   15   15   15   15   15   15	50 (48)13 (58) (2000)  41 (31) (38) (3750)  51 (38) (38) (38) (38) (38) (38) (38) (38)	19 15 102 17 1802 52 41 108 20 1620 27 1830 28 29 12 0 86 60 77 + 1 9 16 88 0 28 34 0 127 18 18 19 19 19 18 19 19 19 19 19 19 19 19 19 19 19 19 19	22 28 105 50 1055 1	20   1145   25   1745   27   27   27   27   27   27   27   2	20 10 10 10 10 10 10 10 10 10 10 10 10 10	md (32 5510) 1 1733 (35 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
10   11   12   13   14   15   15   15   15   15   15   15	50 (48)13 (58) (2000)  41 (31) (38) (3750)  51 (38) (38) (38) (38) (38) (38) (38) (38)	19 15 102 17 1802 52 41 108 20 1620 27 1830 28 29 12 0 86 60 77 + 1 9 16 88 0 28 34 0 127 18 18 19 19 19 18 19 19 19 19 19 19 19 19 19 19 19 19 19	12   12   103   1   15   15   15   15   15   15   15	20   1145   25   1745   27   27   27   27   27   27   27   2	nt 35 20107 45 2189 28 23 37 27 30 37 3 4 21 3 4 2 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3	mid
10   11   12   13   14   15   15   15   15   15   15   15	50 (48)13 (58) (2000)  41 (31) (38) (3750)  51 (38) (38) (38) (38) (38) (38) (38) (38)	19 15 102 17 1802 52 41 108 20 1620 27 1830 28 29 12 0 86 60 77 + 1 9 16 88 0 28 34 0 127 18 18 19 19 19 18 19 19 19 19 19 19 19 19 19 19 19 19 19	12   12   103   1   15   15   15   15   15   15   15	20   1145   25   1745   27   27   27   27   27   27   27   2	nt 35 20107 45 2189 28 23 37 27 30 37 3 4 21 3 4 2 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3	mid
10   11   12   13   14   15   15   15   15   15   15   15	50 (48)13 (58) (2000)  41 (31) (38) (3750)  51 (38) (38) (38) (38) (38) (38) (38) (38)	19 15 102 17 1802 52 41 108 20 1620 27 1830 28 29 12 0 86 60 77 + 1 9 16 88 0 28 34 0 127 18 18 19 19 19 18 19 19 19 19 19 19 19 19 19 19 19 19 19	12   12   103   1   15   15   15   15   15   15   15	20   1145   25   1745   27   27   27   27   27   27   27   2	nt 35 20107 45 2189 28 23 37 27 30 37 3 4 21 3 4 2 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3	mid
13   13   15   15   15   15   15   15	10   10   10   10   10   10   10   10	15   15   10   12   13   13   13   13   13   13   13	10   12   10   10   16   15   16   16   18   16   16   18   16   16	20   1145   25   1745   27   27   27   27   27   27   27   2	90 105 3 1870 95 2 30 37 20 10 0 88 57 1 - 27 21 81 0 25 33 0 121 15 106 30 1571 1 27 31 0 155 2 2 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 38 30 10 105 30 30 30 30 30 30 30 30 30 30 30 30 30	mid

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JI NJ., 1967.

a Barometer not reduced to Sea Level. Stations not furnished with Registering Thermometers.

Note   Part	į.	No. of four	7 1.200000 000 0 000 0m200 0 -m00-201000	
### A TOTAL COLUMN TO STATE A	.nmr101	No. of thunder st		
### A TOTAL COLORS AND A STATE OF THE PROPERTY		Agab Hall to of.	ที่ 84 (24 ลิ4 พรห ธ พหร ธรร 4 หมาลิยยลลิทธิธิธิ	
### ATT A COLUMN	-	dinomin.	E TE TE UN TEN S FAL SEN E NICHERENYMEN	OR SHREVESA
### 174   Parenthal Company   Parenthal Compan	ATE			
### PATTON.    STATION.   STATION	TIME		* + +	111
### PATTON.    STATION.   STATION	*REEC	Juno ut.		
### PATTON.    A PATTON.   A P		(1011 front)		=
### ATT   PROSECUTE   PROSECUT				
### ATT   PROSECUTE   PROSECUT	OCIT		<b>£</b>	=
### A PARTIES OF THE				
### The property of the proper	-	Anothaviosdo to		5 EEE
Proceedings				
### PATTON.    All All All All All All All All All Al	W O3		01	c <u>c</u> ano
### PAPER   PA			m m m m m m m m m m m m m m m m m m m	2 1-02
### PAPER   PA	WIN		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	200
### STATION    And Address   A	O.F.		n e x - E e ee e estanak eu	<u>=</u> = m -
### PATION    No continued by the part of	LION	7318	_ 0	2227
### PATION    No continued by the part of	IREC	E	m 31 3 31 - 2 22 - X37-75 mg	- # <u>#</u> x
### TATION    A PATION   Co.	Ē	2.6.	n c n <u>d</u> c n n- n <u>n</u> -x-cc na .	
### PATION Of the Patient of the Pat		12		± 797
STATION   Associated by State   Associated	- Cravare	clouded.	The second of th	1-12
### STATION   Annual Control of the Property   Annual Control of t		cjong*	www.min	ica ica
### ##################################		-griblinud		
### STATION    A NATIONAL   Confidence   Con	10 91	dewpoint,		
Marting   Mart				
Available   Avai	1			
### Partial National Confidence   Partial Confidenc		1897001		-xxxa-a
### STATION.    Antitude N.   Confidence   C	LUKE			
### STATION.    Antitude N.   Confidence   C	KHA			
STATION   STAT			V VENERALE TO THE TANK THE TAN	
STATION   STAT	-	from average.	# 15 555# m	## 5151666 51 ## ## 515166 51 ## ## 51516
STATION   STAT		Pilference		1.1
Antitude   No.		Mean.	- k 68 88486 9884 6 886 88860 888688888888	28 588EE88E
Alaximoto Cont.   Alaximoto		Rango.	# # # # # # # # # # # # # # # # # # #	£13
Alaximoto Cont.   Alaximoto	URE	Lowest.		= <u>7</u>
Alaximoto Cont.   Alaximoto	16.8831	Highest.	2 2 8 8 8 8 2 8	77 71
AANTHORN   Con.   Con		Mean reduced.	1	表表 是更
MANITORIA (Dat. Car. Car. Car. Car. Car. Car. Car. Car		1	는 설명 및 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	হারী
MANITORIA (Dat. Car. Car. Car. Carkfade Park. Car. Car. Carkfade Park. Car. Car. Car. Car. Car. Car. Car. Car	บอร	Flevation above		
MANITORIA (Dat. Con. Con. Con. Con. Con. Con. Con. Con		"W obustigno.l	第3日本日本は名目は タモダミジスキャルのカラルのキャルタイプラブラルデザマキャブラ	<i>प्रथान सम्मान में प्रशास</i>
MANITORIA (200.  MANITORIA (200.  Cakklade Park, 199  Figurage to Prairie 199  Fortigate		Latitude N.	· 特世家特世里工程方式 — 医名数约络皮肤产产产品经验的皮肤的工具的工具设施的皮肤产生的工具	
MANITORIA (DR.  Orakbank, Gakdale Park, Fipustoria Perron Orakbank Awene) Stems Munitar Corper Cliff Corper Cliff Corper Cliff Corper Cliff Corper Cliff Fort Archar Ninder River Muniter River Alton Oraxwan Colling Oraxwan Colling Corkhum Sand Colling Corkhum Sand Colling Corkhum Sand Colling Corkhum Sand Colling Corper Cliff Stewel Bace Colling Corper Cliff Corper Cliff Corper Cliff Corper Colling Corper Cliff Corper Colling Corper Colling Co				3223323333
			÷	:
		z.	da in the control of	
	1	TIC	A A B B B B B B B B B B B B B B B B B B	· 항길링물
		BTA	Many Many Many Many Many Many Many Many	Shart Shart Shart
			N. Market M. M. Market M. M. Market M.	Marie Company
			S GGETTTÄNENS A OMTANAHARROFFGGEHATTANNEOTÄKKTAR	are as in one where an are the factor

	5-000-00	C - CC01C	· cc mexicce
	0000000	TO 1   0   0   0   0   0   0   0   0   0	mc_ n=====
== ====================================	33553355	0.000000000	00 000000
98 :2582282 :45828 9	สตลมสิจิตร :	8 2 522555225	es eseasas
01- 02 00 00 00 00 00 00 00 00 00 00 00 00	01-000CC1-0	H = #5-##########	## ###################################
38 2888 2°8888 8		및 전 종교통학교의 변문점을 기위	일당 강흥단중단도로
10 %001-0 0 00000 1	02	5 5 00-000-1-000	000000000000000000000000000000000000000
2 23 2 2 2 2 2 2 2 2	88455	#	용 경 기식으로
00 00 0 H 00000 H	1155354	8 8 44 22426 4	'c   c
+1:+		* * * * * * * * * * * * * * * * * * *	The expenses
월급 명종료욕원공국 유피원국영 F	무원학교유용동쪽	8 15 34 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	00 00-190-0 00 00-190-0
and the property of the second	-0101010101		
:::::::::::::::::::::::::::::::::::::::			
in the second se			
	:::::::::::::::::::::::::::::::::::::::	: : : : : : : : : : : : : : : : : : : :	
· · · · · · · · · · · · · · · · · · ·	[ [ 유리 [ 6유 ] ]	8   8   8   8   8   8   8   8	58 3 128 R
(a) (a) (a) (a) (a) (b) (b) (b)	1 1712 182 1		<u> </u>
	::: : : : : : : : : : : : : : : : : : :		
			es x es e
## 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	: 2m : m : :	# 15 E8 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	
<u> </u>	:: <u>##</u> .@#:	9 + gr-xg 25 xc	me garata
	11177		
:n : : : : : : : : : : : : : : : : : :	:: -= = : = - :	X : 2 -52-x   X-2 -2-	
	HALL TO A CONTRACT OF THE SECOND	Telephone	9130 E (\$1~ \$1
= : : : : : : : : : : : : : : : : : : :	19 P P P P		
9 : : : : : : : : : : :	:::20::28	w : 2 : 52x5   w5 1-10	- F2 × 2F
12 : : : : <u>12 : </u>		a : : 3 : 3 : 5 : 5 : 5 : 5 : 5	w=
o e e e la <del>d</del> e la l <del>ectal d</del> a e la g		<u> </u>	T-5 m  -14  5
		2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3	
	- m - Gp1	4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	14 + 1/2 [ +× ] ]
	111117		
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	to the time to the terms of the	Φ     Φ     Φ  -  -  -  -  -  -  -  -  -  -  -  -
	:		
			11
pre xcorencephent	011-1- 000-	• 6 Hax Newsaax	210 -2 24-7
<u>88 8888875878888</u>			
a arrraum = arrr= x - x	[xx=-x555]	a i w ix = = = axx = = = = = =	
	<u> </u>	မ ႏ - ခြင့် ခြင့်ခန္နာ ဦမီနှာနာကို ရောနာ်ကြောက်	- co chemes
a; c4ccctcccc; ee		※ ・ 巻 ・ 巻 3 3 3 3 3 3 3 3 3 3 4 4 3 3 4 3 3 3 3	法
0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	30 to 44 44 to 50 to 44 1		
SS SSSSSSSSSSSS	: <u> </u>	9 % 52285582553446	- REPRESENT
			වේක මිගමකම් ස
00 :0000000000000000000000000000000000	: <del></del>	5 -3 -0 = 0 1 = 0 + 1 = 0 = 1	45 x868682
23 22222222222222222222222222222222222		2 : 2 : 2 : 2 : 2 : 2 : 2 : 2 : 2 : 2 :	2 2 1 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3
<u> </u>	**************************************	<u> </u>	
28 28 8 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	++ ++ 	1 . 10 101 01-01-0 b	
in the second of			୍ଥିତ ନ୍ୟାନ୍ତି
	-: ++ ++ :	2	1 1 1 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
& & is w 2 2 2 4 − 2 2 2 2 2 − 2 1	- + + + + :	1	1 T .
#8 :88888888888888 ***********************		# 10 010 8 X 4 E 9 2 5 E 9 5 E 9 5 E 9 5 E 9 5 E 9 5 E 9 5 E 9 E 9	ভারত রাজ্য প্রজ্ঞান ভারত রাজত রাজ্য প্রজ্ঞান
	2822888	8	ভ্রমণ ক্রমণ কর্ম
	2	8	ভ্রমণ ক্রমণ কর্ম
	2	8	ভ্রমণ ক্রমণ কর্ম
	2	8	ভ্রমণ ক্রমণ কর্ম
	2	8	ভ্রমণ ক্রমণ কর্ম
30.25.29. 71.0.81	2	8	ভ্রমণ ক্রমণ কর্ম
30.25.29. 71.0.81	2	80 8 10 20 20 20 20 20 20 20 20 20 20 20 20 20	95 38 0 68 0 6
89.03 30.23 29 51.0 89 29 12 0 81.03 30 12 0 82 25 0 51.0 89 30 12 0 82 0 51 0 80 12 0	20 126 20 22 0 25 0 25 0 25 0 25 0 25 0 25 0	89 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	29.95 30.21 29 58.0 63 58.0 42 38.0 42 38.0 46 38 57.0 48.3 30.23 20.38 0.87 57 57.0 57.6 57.6 57.6 57.6 57.6 57.6 57.6 57.6
89.03 30.23 29 51.0 89 29 12 0 81.03 30 12 0 82 25 0 51.0 89 30 12 0 82 0 51 0 80 12 0	20 126 20 22 0 25 0 25 0 25 0 25 0 25 0 25 0	89 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	95 28 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
11911 2984 573 6895 6896 2987 2987 2998 30125 29 510 68 350 2998 30125 29 510 68 1050 1050 1050 1050 1050 1050 1050 105	500 St. 198 30.29 198 58.0 CS. 158 188 189 58.0 CS. 158 1	88	21 29:55 30:21 29:58:0 633 58:00 10:10 10:
11941 15 282 16 283 17 377 18 289 18 289 20 350 29 93 30 23 29 510 687 20 350 29 93 30 29 29 510 687 21 350 29 93 30 29 29 510 687 22 350 29 93 30 29 29 510 687 23 350 29 93 30 29 29 510 687 24 25 25 25 25 25 25 25 25 25 25 25 25 25	25 25 25 25 25 25 25 25 25 25 25 25 25 2	25 28 38 38 38 38 38 38 38 38 38 38 38 38 38	25 29 29 29 29 29 29 29 29 29 29 29 29 29
1194 15 282 17 307 18 300 18 300 21 250 21 250 22 350 29 95 30 25 29 510 687 23 350 29 95 30 25 29 510 687 24 350 29 95 30 25 29 510 687 25 350 29 95 30 25 29 510 687 26 350 29 95 30 25 29 510 687 27 30 30 30 30 30 30 30 30 30 30 30 30 30	20 126 20 22 0 25 0 25 0 25 0 25 0 25 0 25 0	6.5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	65 12 65 12 65 12 65 13 65 13 65 14 65
23. 0 11901 29. 45. 29. 29. 29. 29. 29. 21. 69. 29. 29. 21. 69. 29. 29. 29. 29. 21. 69. 29. 29. 29. 21. 69. 29. 29. 29. 29. 21. 69. 29. 29. 29. 29. 29. 29. 29. 29. 29. 2	25	6.5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	25 29 29 29 29 29 29 29 29 29 29 29 29 29
23	25 17 29 312 312 312 313 31 31 31 31 31 31 31 31 31 31 31 31	22 (6. 12. 12. 12. 12. 12. 12. 12. 12. 12. 12	65 12 65 12 65 12 65 13 65 13 65 14 65
23	25	6.5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	86 65 P2 29 29 59 20 29 58 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10   10   10   10   10   10   10   10	86 65 P2 29 29 59 20 29 58 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10   10   10   10   10   10   10   10	86 65 P2 29 29 59 20 29 58 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10   10   10   10   10   10   10   10	0 38 65 12   24 69 30 21 29 58 0 63 38 0 17 3 65 29 21 29 69 30 12 29 58 0 21 29 58 0 63 38 0 18 18 18 18 18 18 18 18 18 18 18 18 18
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10   10   10   10   10   10   10   10	0 38 65 12   24 69 30 21 29 58 0 63 38 0 17 3 65 29 21 29 69 30 12 29 58 0 21 29 58 0 63 38 0 18 18 18 18 18 18 18 18 18 18 18 18 18
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10   10   10   10   10   10   10   10	0 38 65 12   24 69 30 21 29 58 0 63 38 0 17 3 65 29 21 29 69 30 12 29 58 0 21 29 58 0 63 38 0 18 18 18 18 18 18 18 18 18 18 18 18 18
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10   10   10   10   10   10   10   10	0 38 65 12   24 69 30 21 29 58 0 63 38 0 17 3 65 29 21 29 69 30 12 29 58 0 21 29 58 0 63 38 0 18 18 18 18 18 18 18 18 18 18 18 18 18
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10   10   10   10   10   10   10   10	0 38 65 12   24 69 30 21 29 58 0 63 38 0 17 3 65 29 21 29 69 30 12 29 58 0 21 29 58 0 63 38 0 18 18 18 18 18 18 18 18 18 18 18 18 18
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10   10   10   10   10   10   10   10	0 38 65 12   24 69 30 21 29 58 0 63 38 0 17 3 65 20 21 29 69 30 12 20 58 0
10 25 28 1 0 1194 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2	22 (6. 12. 12. 12. 12. 12. 12. 12. 12. 12. 12	86 65 P2 29 29 59 20 29 58 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JUNE, 1967.

a harometer not reduced to Sea Level. \*Stations not furnished with Begistering Thermometers

	=(11.2=1	1 - bin (* 1 - 1/		= ==
	*******	Januaries 1 - 12		=
	NO II	ro to dita national	4 8 25 55984 559 5588 8 - 59 886-7 69- 8-68	# ====================================
	8	the test of the first of the fi	목 김 강도 고양유남도 의표를 만났음?	34
	PRECIPITATION	returnit	을 용 표현 등 정수의 등 표기를 증	
	CHA	mort somethed	5 9 T9 T TTT T TTP T TTP	= 2)
	Par	Intomatt's	m m en noeee ees milm	- ×
	_	Date and directly from	:	
	TY OF	Velocity.		
	VLIM IIY WIND.	ह स्मिन्न इन्यासम्बद्धाः		
	1,7	Mean miles and red		
		of observations.		-1- <u>-</u>
		Total nun ber	- s -n 12 wm go- voss	i ~
Z	KOH	2.11.2		1-0
Thermometers		11.	로 이 이번 번 어느 그이어 취공을이	-s-
FIRM	WIND	:///8	9 2 5 9 4 5 T TYPE 9 9-12	<u>3</u>
	OF	8	E 2 - 2 1 2 2002 8-30	v. —
nons not turnshed with Lagisforing	DIRECTION	.4.8	- c - d - d - d - d - d - d - x	œ
21412	ntec	E	11 <u> </u>	· · ·
2	=	N.E.	표 의 의중 및 HP 프로	21
WIL			19 19 19 19 19 19 19 19 19 19 19 19 19 1	
-bed	Sparage	No. of days comp	2 2 2 2 2	=
		slean amount of	1- 7 5 5 5	· ·
nor		Mean relative humidity,		
E SE	10 ज्या	Mean temperatu		
NICE.	(	Mean daily range.	- 1	- X.
	ı	Date,	<u> </u>	-
vel.	1	Meduna	9 9 50 X3334 5-8 5353	9 1
red to sea Level	Temperature	Lowest	E         B	19
7.	SRAT	Date.		25.
	EMP	Highest.		2
	E	Tenta average, 10 Tenta do verage, 10 Tenta do	1	= = = = = = = = = = = = = = = = = = = =
1631		Difference		
d Barometer not redu		меан	व व वय हिंदबंबत । वेदांबे = = = = =	51 X
20.12	' -	Range.	28. 28. 28. 28. 28. 28. 28. 28. 28. 28.	. 8
62 150	RF.	Lowest		====
	PRF-81 RF.	.Jeodaill	<u> </u>	
	PE		20 000 000 000 000 000 000 000 000 000	8
		Mean reduced.		151 (30-11 30-25 (25 70) 0-39
1	198	Elevation above level, in feet,		12
		Longitude 1V.	####################################	· 85
1			- 2628828628628	12
ı		Latitude X.	- mmaaaamaaaaaa _	24
		STATION,	Nova Scotta Bridgetown Halifax  "Picton Port Hastings Parrsbord "Sabbe Island, M. Station." Stable Island, M. Station. "Truck Windsor "Windsor "Win	Bermuda Prospect.
				Ber.

## PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER, &c., DURING JUNE, 1907.

		RAI	NFA	LL		sx	0 W 1	FALL		
STATION,	Amount in inches	No. of Days, of, or Over	No. of Fair Days	Heaviest Full in Month	Date	Amount No.			Pati-	REMARKS.
D										
British Columbia	in. 1°67	9	21	in. #45	13	in.		in.		The continuous to
Denman Island Goldstream Lake, Hartley Bay Nanaimo Naas H rbour Royal Oak Somas River Swanson Bay,	1 37 1 11 2 96 1 68 1 56 0 38 1 37 3 61	8 10 6 15 2 6 17	22 22 21 15 21 13	0.50 0.28 0.97 0.65 0.43 0.20 0.76 1.02	11 12 7 11 8 9 11					Thunder 20th. Thunder 20th.
Alberta—										
Bruederheim.	2.81	12	18	0.72	8					Aurora 9th, 23rd, thunder
Bittern Lake Bardo	2.74 2.80	13 9	17 21	0.58 0.70	20 13					12th, 13. Thunder 5th, 26,27. Thunder 12th, 13, 18, 26, 27.
Beaver Hills, W Bismark	2:9) 1:3	14 15	16 15	1.02 1.31	29					Thunder 12th, 13, 18-26, 27,
Coutts Conjuring Creek. Clover Bar	1 47 3 93 2 11	9 11 4	21 19 26	0 92 0 88	. 8 27					
Dorenlee Grassy Lake Heather Brae	3 67 0 40	10 5	26 25	1100 0120	30 20					
Innisiaii	3 46	15	15	0.89	29					Thunder 12th, 18.
Islay Josephburg.	3.07	181	2	1 37	22					11th Tornado between 5 and
Jumping Pound	3 67	15	15	0159	7					6 p.m., heavy thunder and lightning. Thunder 12th, 26.
Lacombe Magrath	5 50 3 25	81*:	22 23 21 22 21 22	1 74 1 28	30					Thunder 12th, 18.
Macleod	4.47 4:61 2.73	9 8 8	21 22 21	2 00 1 62 0 60	22 22 13 13					
Okotoks	1:55 5:77	11	19 16	0°91 2 08	29 29					Thunder 1st, 11, 12, 28, Thunder 5th, 12, 13, 14, 15, 25,
Sion Sion	0°85 1 17	4	17 11	0.36	6 8					Thunder13th,17,18,19,20,26,28
Stirling Vermilion Wabamun	0 52 4 52	5 18	25 12	0°20 0°76	2) 13					Thunder 19th, 20, Thunder 19th, 20,
SASKATCHEWAN	1 -12	1.00	12	** 10	1.0			1		
Elm How	3160	12	17	1 15	15					Thunder 3rd, 13, 14, 45, 16, 29,
Hanley Insinger	2°13 5-23	15 6	21 18	1 42	29 15					Thunder 13th, 14, 15,16,20, 24, 27, Anroya 19th
Last Mountain Regina	4 36 5 22	11 18	15 10	0:93 1:75	30 14					Aurora 19th. Thunder 6(h, 14, Thunder 13th, 14, 19, 20, 27,
Manitoba-						γ,				
Beaver	1°18 2°23	7 16	18 11	#/65 0/82	24 21					Thunder 1st, 13, 20, 21, 23,29, Aurora 19th.
Norquay	0.64	6 9	20 20	0 88 0 28	16 21 24					Aurora 19th. Thunder 20th, 21, 23, Thunder 19, 20,21,23,24,28,29,
Rapid City , Rosebank	3.89	13	15	1.05	21					Thunder 10th, 14, 16, 26,23,24, 27, 28, 29, Aurora 19th.
Ontario—		t							,	
Arden	1:07	6 7	24	0145	5					Thunder 20th, 26. Thunder 19th, 21, 23, 25.
Aurora, Croydon	3 18 0.80 2 76	$\frac{\frac{1}{2}}{4}$	22 28 18	1145 0151 1100	25 5 1					Thunder 18th, 21, 23, 25, Thunder 18th.
Ennismore	1:36 3:35	5 6	25 24	0.55 1.05	5 19					
Goderich	5.42 1.91	10	19 23	1:93 1:00	23 5					Thunder 19th, 21, 22, 23, 24,
Georgetown	2158 1 15	8 9	16 21	1:13	21 22		1	a		Thunder 18th, 19, 21, 22, 23, 29, 30, Aurora 9th, Thunder 19th, 21, 22, 23, 24.
Lansdowne Midland.	1 65 3 94	3 9	10 20	6 69 1:18	25					Thunder 5th, 19, 21, Thunder 19th, 21, 22,23,26,29.
Montague Maet'ue	6195 9143	3	25 27	0°36 0°18	5					96 .0 on 19th.
Orangeville Princeton Parma	2157 2138	5 6	24 21	0 82 1°15	20 4	1 6				Thunder 19th, 30.
Sunnyside	4:39 1.8I	9 5	20 20	1.06	19 4					Thunder 19th, 23, 25, Thunder 14th, 19, 30,
Westport	1167 0184	3	25 27	0°75 0°47	30 30					Thunder 5th, 15, 19, 25, 30,
Wiarton Wyoming Watford	1 23		20 20	0.21	5 25					Thunder, 22, 25.
Westminster	2160	6	21	0.91	26 26	L				Thunder 19th, 21.
New Brunswick-										4
Point Escuminae	2 46	6	19	1.06	26					Thunder 6th, 24.

PROPORTION OF BRIGHT SUNSHINE REGISTERED IN EACH HOUR OF THE DAY DURING WHICH THE SUN WAS ABOVE THE HORIZON IN THE MONTH OF JUNE, 196.

								He	) L'HES	Enna	a						
STATIONS	**************************************	5 a. m.	б и. т.	, a. m.	8 a.m.	9 a. m.	lo a. m.	H a. m.	Noon.	1 19. 10.	2 p. ii.	3 р. ш.	f p. m.	5 p. m.	8 p. m.	7 p. m.	8 p. m.
Victoria		() (11)	0.04	0.38	0.59	0.56	0.1.0	0.61	0.70	0 (3)	0.65	0.65	(1:59	0.55	0.38	0.16	
Nan iimo		0.40	0.36	0.56	0.57	0.59	0.58	0152	0153	0.45	0.25	0.456	0.53	0.55	0.51	0.31	
Agrassiz .		0.10	41-110	0.17	0.31	0.32	(1136	0-68	0.46	0.47		0.37	0:32	0.23		01(0)	
Kamloops		() ()()	1F 36	0.42	0116	0.50		0.51	0.49	0.53	48	0.15	0.50	0.38		0.21	0.01
Savonies																	
Calgary		0.01	11.30	0.56	0.54	01:59	0.58	0.56	0.61	0.49	0158	0.56	0150	0:57	0146	0.48	0:11
Medicine II st	0.07	0.51	0.51	0.59	0.63	0.63	11-1511	0.22	0151	0155	0.61	0.61	0.59	0155	0.31	05.7	
Edmonton		0.10	0.52	0:54	0.48	0.58	0.59	0.61	0.62	0.66	0.58	01:51	0.55	0150	0150	0.41	0.11
Battleford										1							
Indian Head		0.10	0.12	n 4n	0.46	0:46	0.53	0150	0.52	0.5%	0-64	0.53	0.56	0:17	0.41	0.03	
Brandon		0,00	0.01	0.11	0.30	0.10	0°55	0:58	0.57	0:50	0.25	(F.59)	0150	0:47	0:31	0:07	
Winnipeg		0.00	0.2	0.45	0117	0.18	0155	0153	0.55	0.62	0:63	0.65	0.56	0157	- 0:51	0.53	
Woodstock			0:42	0:42	01:57	0 64	Ords	0.98	0.69	0.02	,0165	0.61	0158	0156	0153	0:31	
Toronto.			0.02	0:50	0.69	0.69	0:71	0:80	0.78	0.72	0165	0.65	0:57	0152	0:51		
Lindsay.		0.07	0.28	0:31	0:35	0157	0.62	0165	0.68	0:63	0.72	0:61	0.640	(1150	0:11	0.35	0.51
Barrie .			0.35	0.22	0.08	0.71	0.70	0182	0.85	0.81	0.71	0.71	0.61	0.00	0.66	0.25	0.04
Gravenhurst		-	0.05	0:38	0.58	0.59	0161	0:61	0172	0.2	0.69	0.02	0.62	0:00	0.60	0.45	0:(0
Haileybury		0.04	0 35	0: {9'	0153	0158	0:61	0.42	0.183	0165	0.71	0.00	0.61	0.50	0.50	0.40	0:00
Kingston .		0.00	0.26	0155	0.62	0:71	0.48	0183	0:79	0.21	0.88	0.68	0.63	0.57	0.15	0115	
Ottawa				0.18	0.41	0.21	0.62	0.67	0.92	0.75	0172	0:58	0.23	0:57	0.18	0:15	
Montreal			1) (14	(r:2%	0.36	0135	() <sup>2</sup> (i)	0150	0158	0159	0.66	0:61	0.57	0.53	0132	0.03	
Sherbrooke		0.07	0.53	0.37	0.49	0.46	0.52	0.60	0.61	0160	0.24	0.20	0.54	0.53	0.44	0126	
Quebec .	b		11:43	0024	0:30	0.32	0.10	0.48	0:51	0:52	0.21	0.30	0145	0:41	0.58	0.16	
Fredericton			0.15	0.58	0136	0.39	0.46	0.59	0.51	0.53	0.23	0.51	0 19	0 47	0.40	0.56	0.01
Charlottetown.		0.05	0.33	0.43	0149	IF 54,	0156	0153	0.22	0.01	0.39	0.460	() (51)	0.61	0.59	0.31	0.02
					_ 1						1						

-	Victoria.	Namaimo.	. Agassiz	Kamloops.	Savonns.	Calgary	Medicine Hat	Edmonton.	Battleford.	Indian Head.	Brandon.	Winnipeg.	Woodstock.	Toronto.	Lindsay.	Barrie	Gravenhurst.	Haileybury.	Kingston.	ortawa.	Montreal.	Sherbrooke.	Quebec.	Fredericton	Charlottetwin
Meau proportion for month Constant sun- shine being t		0.45	0.25	0.37		0 17	0150	0:47		0.39	0-35	0.43	0.5[	0:51	0119	0.62)	0.48	0.50	0.55	0.41	0.43	H143	0132 0	38 (	147
Difference from average.	+ 0 04	~~	0 (3	-			-			-1 13	-0 10	-0-40	0.02	-() ()G	.0105	† 0-14	-	-	4 () 112	- 0 (14	0 0°			105	
Maximum daily amount.	(11.45)	0.89	0.71	0 49		0.91	0 (1	11.55		0.79	() 70	0.81	0.89	0.79	0.97	0.91	0182	0.90	0:85	0.75	0191	0 59	0.850	89.0	- Q2
Date .	24-25	12	18	23		25	45	2,		25	19	27	9	9-10	27	7	15	10	4	11 12	24	254	11	12	12
No.ofdays.com- pletely clouded		3	4	- 1		8	6.5 Ar	1		3	5	3	5,	- 1	9	2	G	3	17	2	2	1	12	6	1

Aurora recorded :-

Where the class of aurora is noted by the observer, it is given, (I) being the brightest, (IV) the feeblest in brilliancy.

- 2. Waitefield, III.
- 3. Paspebiac, IV; Percé, Cape Chatte, Father Point, IV.
- 8. Waitefield, 1V.
- 9. Bruderheim, Huntsville, Lake Talon, Gray Hill, 111; Haileybury, 111.
- 10. Woodstock, N.B., Edmonton, III; Haileybury, III; Quebec, IV.
- 11. Haileybury, IV.
- 17. Waitefield, II.
- 19. Insinger, Cartwright, Rapid City, Cape Chatte, Kenora, II; St. Albans, I; Almasippi, I; Waitefield, IV; Haileybury, I.
  - 27. Haileybury, III.
  - 28. Father Point, IV.

Thunder recorded on:

- · 1. Okotoks, Cartwright, Pekisko, High River, Hamilton.
  - 2. Pekisko, High River, Lethbridge, Port Burwell.
  - 3. Elm How, Chaplin, Port Burwell.
  - 4. Quesnelle, Princeton, Big Creck, Vancouver.
- 5. Bittern Lake, Ponoka, Lansdowne, Westport, Alix, Hillsdown, Gray Hill, Red Willow, Blackfalds, Bon Accord, Chaplin.
  - 6. Last Mountain, Pt. Escuminae, Chaplin.
  - 7. High River, Chaplin, Summerside.
  - 8. North Nicomen, Kneehill, Hillsdown, Gray Hill, Chaplin, Wolfville, Woodstock, N.B.
  - 9. Morden.
  - 10. Rapid City, North Nicomen, Chaplin.
  - 11. Josephsburg, Okotoks, Knechill, High River.
- 12. Brucderheim, Bardo, Bismark, Heather Brae, Jumping Pound, Lacombe, Okotoks, Ponoka, Alix, Waitefield, Pekisko, Pakan, Macleod, High River, Hillsdown, Gray Hill, Lawrence, Red Willow, Bon Accord.
- 13. Bruederheim, Bardo, Bismark, Ponoka, Sion, Elm How, Insinger, Regina, Cartwright, Red Willow, Blackfalds, Bon Accord, Saskatoon, Regina, Moose Jaw, Gatesgarth, Chaplin, St. Albans, Almasippi.
- 14. Ponoka, Elm How, Insinger, Last Mountain, Regina, Rapid City, Sunnyside, Blackfalds, Moose Jaw, Gatesgarth, Alameda, Indian Head, Madoc, Percé, Woodstock, N.B., Summerside.
- 15. Ponoka, Elm How, Insinger, Westport, Macleod, Lawrence, Moose Jaw, Gatesgarth, Chaplin, Alameda, Indian Head, Otonabee.
- 16. Elm How, Insinger, Rapid City, High River, Saskatoon, Regina, Chaplin, Alameda, St. Albans, Point Clark, Sussex.
  - 17. Sion, Point Clark, Chicoutimi.
- 18. Bardo, Bismark, Heather Brae, Lacombe, Sion, Croydon, Georgetown, Salmon Arm, Alix, Kneehill, Pakan, Hillsdown, Gray Hill, Red Willow, Bon Accord, Agincourt, Otonabce, Point Clark, Hamilton, Lucknow, Lake Talon, Clinton, Brome, Woodstock, N.B., Hamilton, P.E.I.
- 19. Sion, Sterling, Vermilion, Regina, Norquay, Aurora, Emsdale, Georgetown, Huntsville, Lansdowne, Midland, Princeton, Strathroy, Sunnyside, Westport, Westminster, Blackfalds, Bon Accord, Saskatoon, Almasippi, Agincourt, Clontarf, Haliburton, Port Hope, Madoc, Otonabee, Peterboro', Stony Creek, Point Clark, Birnam, Brantford, Hamilton, Port Burwell, Paris, Orillia, Beatrice, Owen Sound, North Bruce, Meaford, Lucknow, Lake Talon, Barrie, Brome, Wolfville, Woodstock, N.B., Bala.
- 20. Somas River, Sion, Sterling, Vermilion, Insinger, Regina, Cartwright, Gretna, Norquay, Rapid City, Arden, Salmon Arm, Alberni, Saskatoon, Regina, Moose Jaw, Gatesgarth, Chaplin, Indian Head, Morden, Almasippi. Point Clark, Sutton West, North Bruce, Kenora, Coquitlam, Brome.
- 21. Cartwright, Gretna, Norquay, Aurora, Emsdale, Georgetown, Iluntsville, Midland, Princeton, North Nicomen, Indian Head, Morden, Almasippi, East Toronto, Stony Creek, Birnam, Cottam, Brantford, Hamilton, Beatrice, North Bruce, Meaford, Lucknow, Lake Talon, Barrie, Bala, Chilliwack.
- 22. Emsdale, Georgetown, Huntsville, Midland, East Toronto, Haliburton, Otonabee, Peterboro', Point Clark, Sutton West, Hamilton, Orillia, Beatrice, North Bruce, Lake Talon, Bruce Mines, Brome, Bala.

- 23. Cartweigh: Gretna, Norquay, Rapid City, Aurora, Emsdale, Georgetown, Huntsville, Midland, Strathroy, Estevan, Alameda, St. Albans, Oakbank, Morden, Alma ippi, East Toronto, Agincourt, Haliburton, Otonal ce, Peterboro', Stony Creek, Point Clark, Sutton West, Birnham, Cottam, Hamilton, Port Burwell, Orillia, Beatrice, Huntsville, Owen Sound, North Bruce, Meaford, Lucknow, Lake Talon, Clinton, Barrie, Bala.
- 24. Insinger, Norquay, Rapid City, Emsdale, Huntsville, Lansdowne, Westminster, Pt. Eseuminac, Princeton, Big Creek, Clontarf, Haliburton, Madoc, North Gower, Otonabee, Point Clark, Sutton West, Birnain, Beatrice, Huntsville, Owen Sound, North Bruce, Lucknow, Clinton, Barrie, Percé, Paspebiae, Moneton, Summerside.
- 25. Ponoka, Aurora, Strathroy, Westport, Salmon Arm. Clontarf, Haliburton, Point Clark, Sutton West, Birnam, Huntsville, Owen Sound, North Bruce, Meaford, Lucknow, Cockburn Island, Clinton, Bruce Mines, Brome, East Pt. Sable Island, Woodstock, N.B., St. Stephen.
- 26. Bittern Lake, Bardo, Bismark, Jumping Pound, Sion, Arden, Midland, Tobacco Plains, Quesnelle, Alix, Waitefield, Pekisko, Pakan, High River, Red Willow, East Toronto, Haliburton, Madoc, Otonabee, Peterboro', Sutton West, Port Dover, Hamilton, Orillia, Huntsville, Barrie, Brome.
- 27. Bittern Lake, Bardo, Bismark, Insinger, Regina, Rapid City, Tobacco Plains, Nickel Plate, Big Creek, Golden, Waitefield, Kneehill, Pekisko, Gray Hill, Red Willow, Didsbury, Regina, Alameda, Indian Head, St. Albans, North Gower, Lake Talon, Paspebiae, Percé, Pt. Lepreaux.
- 28. Okotoks, Sion, Norquay, Rapid City, Tobacco Plains, Golden, Waitefield, Wetaskiwin, Kneehill, High River, Gray Hill, Red Willow, Moose Jaw, Gatesgarth, Chaplin, St. Albans, Oakbank, Almasippi.
- 29. Elm How, Cartwright, Norquay, Rapid City, Georgetown, Midland, Big Creek, Red Willow, Regina, Chaplin, Estevan, Alameda, Morden, East Toronto, Madoc, Otonabee, Peterboro', Owen Sound, North Bruce, Meaford, Clinton, Barrie, Bala.
- 30. Georgetown, Princeton, Sunnyside, Westport, Salmon Arm, Big Creek, Waitefield, Haliburton, Madoc, Otonabee, Sutton West, Hamilton, Lucknow.

#### FORECASTS FOR JUNE, 1907.

The forecasts issued by this office at 11 p.m. cach night, are posted up at every telegraph station in Canada, and are for the 24 hours beginning at 8 a.m. the following day.

The number of predictions issued during the month was 1137. These were divided as follows:—

		No.	Verified.						
	District.	1ssued,	No.	No.	No.	Per-			
			Fully	Partly	Not	centage,			
Alberta		75	62	8	5	85 (1			
Saskatchewan		75	65	3)	1	9217			
Manitoba		75	59	12	4	V6 7			
Lake Superior		92	76	9	7	57.5			
Lower Lake Region		116	101	11	1	91.1			
Georgian Bay		116	103	8	5	9212			
Ottawa Valley		47	79	б	2	.91.3			
Upper St. Lawrence		57	81	43	1	\$4510			
Lower St. Lawrence		102	57	9	6	89.7			
Gulf		102	88	7	7	884.7			
Maritime Provinces, West		105	563	10	9	1813			
Maritime Provinces, Fast.		105	5) (	30	5	90.5			
Total		1137	557	101	16	91.1			

In order to obtain the percentage of verification of the predictions, the number partly verified is divided by two and added to the number fully verified, and the result divided by the total number issued.

In ascertaining to what extent the predictions have been verified, the reports from the agents at all observing stations, as well as the telegraphic reports, are used.

R. F. STUPART,

Director.

### DEPARTMENT OF MARINE AND FISHERIES, CANADA.

METEOROLOGICAL SERVICE.

# Monthly Theather

VOL. XXXI.

JULY, 1907.

#### INTRODUCTION.

In compiling the present Review the principal data made use of are the telegraphic reports of observations received at this office for the purpose of weather forecasting, and reports by mail from voluntary observers and sto m signal agents. For the material used in training the paths of areas of high and low pressure in the United States, we are indebted to the Chief of the Weather Bureau, Washington, D.C.

#### REMARKS UPON THE WEATHER.

The weather on the lower mainland of British Columbia was slightly warmer than usual and at some places quite high temperatures were occasionally recorded, 90° being exceeded at several stations during the last three days of the month. In most districts there was much bright sunshine, fine weather being almost continuous from the 5th to 12th, 13th to 2tth and during the list four days. The chief falls of rain occurred on or about the 3rd, 4th, 13th and 1tth, and from the 24th to 27th, but the falls were mostly light and the aggregate amount was below the average. The condition of vegetation was normal. The weather on the upper mainland was similar to that in districts to the westward, excepting in the rainfall which on the contrary exceeded the average at many stations, showers occurring frequently from the 4th to 6th, and on or about the 10th, 13th, 14th, 18th, 21st, 22nd and 26th. In this portion of the province vegetation was in excellent condition on the last day of the month.

In the Western Provinces the weather was somewhat cooler than usual in most districts but at a few places in the extreme western portion of Alberta the mean temperature on the contrary was above the average. Fine weather occurred during the first and last few days of the month in Alberta, but from the 6th to 28th it was mostly dull. In Saskatchewan the dates of rainfall varied considerably. The proportion of bright sunshine of the month was below the average. During the dull period mentioned, showers were frequent, but in most localities the total precipitation was below the average. Vegetation made rapid progress during the month and on the 31st its condition was not much below normal.

The weather in Manitoba did not depart much from the normal excepting in the rainfall which varied considerably with the district, it being above the average at some places and below at others. Similar conditions regarding the dates of rainfall were noticeable, and whilst the proportion of bright sunshine recorded at Winnipeg was above the average that at other stations in the province was below. Showers, however, were frequent generally and vegetation made excellent progress.

In Ontario there was much fine bright weather, more especially from the 2nd to 5th, 13th to 19th and 27th to 31st. The chief falls of rain occurred on or about the 1st, 6th, 8th, 11th, 12th and 17th, also frequently from the 20th to 26th and on the last two days of the month. In most districts the total precipitation was below the average but at some places in the western portion of the province and in districts contiguous to Lake Superior it was excessive. The mean temperature did not depart much from the average, but in most localities the weather was cooler than usual. Owing doubtless to the frequent showers vegetation made good progress and on the 31st its condition differed little from the normal.

In the Province of Quebec the weather was comparatively cool during the first half of the month, and in the eastern portion of the province the mean temperature of the month was below the average. Elsewhere the weather was somewhat warmer throughout the month. Dull weather prevailed and rain was frequent, the total precipitation being quite excessive. A severe thunderstorm occurred at Quebec on the 20th, causing loss of life and much damage to property. Reports regarding the condition of vegetation were mostly favourable.

The weather in New Brunswick was exceedingly dull and there was little bright sunshine excepting from the 13th to 22nd, when some quite fine weather was recorded. Falls of rain though not very

frequent were heavy, they being chiefly recorded on or about the 2nd, 4th, 7th, 10th, 13th, 21st, 25th, 27th and 31st. Somewhat cool weather prevailed during the first and last week, but the mean temperature of the month departed very little from the average. Severe thunderstorms were frequent and and did considerable damage to crops. Fogs were also unusually frequent in the Bay of Fundy. Vegetation was backward.

In Nova Scotia the weather was mostly cloudy with occasional rain during the first two weeks, after which it was comparatively fine, warm and dry up to the 23rd, when dull wet weather again set in and continued to the end of the month. After the 22nd the weather was quite cool and the mean temperature of the month was slightly below the average. The condition of vegetation on the 31st was normal.

The weather in Prince Edward Island was mostly dull, cool and wet, the mean temperature being somewhat below the average and the rainfall above. From the 1st to 11th and 15th to 20th comparatively warm weather prevailed and vegetation made good progress.—F. F. PAYNE.

#### ATMOSPHERIC PRESSURE.

The mean atmospheric pressure for July was above the normal over Saskatchewan, Alberta and the greater part of British Columbia, while over the remainder of the Dominion it was below. The extremes of departure from normal were  $\pm 0.07$  of an inch at Prince Albert and  $\pm 0.13$  of an inch at Montreal and Quebec.

#### HIGH AREAS.

Five areas of high pressure were charted during the month, all displaying the characteristic feebleness usually found in connection with the summer type of anticyclonic systems. They all first appeared on or in close proximity to the North Pacific States, their centres passing south of the Lake Region. Two reached the Atlantic coast but the other three dispersed before doing so.

#### LOW AREAS.

During the month ten areas of low pressure were sufficiently well defined to allow of their paths being accurately traced. Eight first appeared in the northwestern portion of the continent and two in the southwestern portion, all ultimately with one exception converging towards the Gulf of St. Lawrence.

The depression which appeared to the northward of Alberta on the 23rd, after reaching the Lake Region on the 25th, rapidly developed into a disturbance unusually energetic for the summer season, and as it passed down the St. Lawrence it caused gales from the Lake Region to the Maritime Provinces, when, at the same time, extraordinarily high tides were experienced in the Gulf of St. Lawrence.

#### TEMPERATURE.

The temperature was above the average in July over British Columbia; also very locally in the Western Provinces. Ontario and the central portion of Quebec, but over the greater portion of Canada, it was below the average. Departures from average were not pronounced except in the Gaspo Peninsula in Quebec where negative departures of 5 degrees were recorded.

The Highest and Lowest temperatures in each Province during July 1907, were:

	- A		<i>U</i> ,	
British Columbia,	16° on 20th at	Kitamaat,	31° ·0 on 7th	at Stuart's Lake.
Alberta,	$92^{\circ}$ on $31st$ at	Lawrenee,	28° 0 on 5th	at Lawrence.
	92° on 28th at	Medicine Hat.		
Saskatchewan,	87° on 5th and	l 12th at Regina,	{ 37° on 29th at 37° on 7th at	
Manitoba,	98° on 12th at	Birtle,	34° on 1st at 7	Γreherne.
Ontario,	98° on 9th at I	Point Clark,	31° on 2nd at	White River.
Quebec,	90 on 19th at	Chicoutimi,	35° on 26th at	Abitibi.
New Brunswick,	90° on 17th at	Chatham,	44° on 11th at	St. Stephen.
Nova Scotia,	88° on 17th at	Port Hastings,	40° on 15th at	Sydney.
P. E. Island,	83° on 20th at	Charlottetown,	48° on 15th at	Hamilton.

#### PRECIPITATION.

An excess of precipitation was recorded over large sections of British Columbia, Manitoba, Ontario, Quebec and the Maritime Provinces, whereas the remaining portions of Canada shewed a deficiency in the rainfall. Departures from normal were very marked, positive differences being a

high as 95 per cent in the Gaspe Peninsula of Quebec as well as in northern New Brunswick, and negative departures of from 40 to 50 per cent were recorded in the southern portions of Alberta and Saskatchewan.

#### BRIGHT SUNSHINE,

The amount of bright sunshine recorded during July was in excess of the average over the greater portion of Canada, negative departures being only recorded in parts of Quebec, the Maritime Provinces and Manitoba. The largest positive departure was 16% at Toronto, Ont., and the largest negative departure 35% at Fredericton, N.B.

#### WINDS.

In British Columbia, on Vancouver Island, and over the mainland, the direction was chiefly southerly to westerly, with two days with strong and eight with fresh breezes.

In Alberta and Saskatchewan the westerly direction slightly predominated, with ten days with strong and nine with fresh breezes.

In Manitoba the direction was largely westerly with ten days strong and fourteen with fresh breezes.

In the Lake Region the direction was often variable, favouring slightly the south and west, with seven days with strong and ten with fresh breezes and one gale.

In the Ottawa and Upper St. Lawrence Valleys the south and west directions generally prevailed, with three days with strong and seven with fresh breezes and one gale.

In the Lower St. Lawerence Valley and the Gulf the direction was variable, the easterly, however, being often in evidence. There were nine days with strong and eleven days with fresh breezes and one gale.

In the Maritime Provinces the direction was variable with five days strong and eight with fresh breezes and one gale.

The gale which was experienced from the Lake Region to the Maritime Provinces occurred on the 26th instant, and in the Gulf of St. Lawrence it was attended by an unusually high tide. Warnings were issued for the gale in all the districts affected, but in the Lake Region, in several localities, it was not received before the storm had begun.

amagicana de dece

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JULY, 1907.

a Barometer not reduced to Sea Level. \* Stations not furnished with Registering Thermometer.

1			2 ***	2010	-	1-	1-1			1	0000	2-45	1.	- 4	
		==	085		0			-00	. 0		860.	_ = - =	-:		
- 0		54	327	B1134			1241		F <sub>L</sub>	-11-	P 村内 13	F11177	2000年	401-2	유원성
		534	13 g E	374		T =	14-	135	· <u> </u>	-7 <u>-</u> -7, ~	REES		_ 7	12/12/2	4137
	-11	E E	=	1-		-	=	= 5		77	51 8	= 2	1	=	_200
		= -	~0	= =			-	- =	- =		÷	-	,	= 1 :	
	100	7:	112E	SEER				125		= 11/	1922日本	2 Tille	F, 77	BERT	82.5
3												•			
1 3	тод ())							2							
								4,			_				
3	\$ (0.51.1.0H)										-				
5	soliminal/							1			=			-	
-	TOURS O		22	3)			2	2411	0.4	*2	3			- 23	29
	Todinin moT		25	=			2	= 4	.5	(C)	=			3.14	4
	S.W. 5		0.0	_				= 77	7.8		otio. No			2 ==	75
			- 4	5			-	F1 71	71		再			21.02	140
	- M		22.50	21			-	0.0	-					25.25	24 -
									77		=			. ga	**
	*		77	# 					21	=					
	T S		2122	=			-	22		-	-			- 23	21
	10.		G 71	=			=	= -	17	=	7			m	23 .
	N.E.		- =	- :			-	923	=	21	=			= =	= :
	N.		==	-				100 100	Ξ		=			20.14	1
-	cjongeg			- 51			-	_	71	/	100			=-	;0
GJ2	Co. of days complet	-	22	25 ·			A-da	71	25		-			ನ್ ನ	9
-	Mean amount of														
	Mewpoint, avitein relative														
	Mean temperature				~~	20.				10.10			21-		
	Mean daily range.	(-9 85	915-91 918-81_	3535 3535	Ξ.	515	EKRE	1295 1295	1151	99 98-58	REST		54	2223 200	388
	Date.	5 11 01	2122	- Marora		5 1	1200	- 53 - 7 -		21-51-5	-22	01-1010	1.000	10.11.00	27.72
	10.00.00	= = = =	12.88.53	2000 maren				in the last	=	2010		9999 2229	22	25-65 54-65	200
	isowo.l														
	Date.	22.2	888	2355		ធី គត	n Phi ni n	ilāā	et et	MM 7 8	一四門四	ARRA.	£ 8	E B E E	5555
	United Tables 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1000.3	775	8887		5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1000 1887	DES.	5 5	ARRA		E9258	る意味	1910日	1000 1000 1000 1000 1000 1000 1000 100
	Years observin	25	517.5	- 222		11 0-	20-1-	T 20 E1	7	100 mm 100 mm 110 mm 11	-202		-21	-20-21	-45.50
	Difference from a verage.	- 10 10	1 1	113		-	21 -{	21 — -			-   -	2.0	=	21 -	
		2010	ZEE NN =	X 15-15	- 24	0 - 8 4 E - 8 4	, 12.48	1428	7-20 10-	17 E 12 E	712.	100년 의원보원	85	#54-5 5253	588 588
	Mean.	- 35	1168		1.7	E ,84							2.0		
ì	.ogna5I	. i	19 m 2 m	-			E 5	= 2	=	12.0	. 15			22 22 58	2 :
	Lowest,	E : :	世帯 カイ				19 6	15.00	55	6	: : :			15 R 18 R	22
	Highest, Lowest, Leavest,		30 02 30 03 03 03 03 03 03 03 03 03 03 03 03	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Ξ:	9 0 40.65 21 08 04 08	30 of 30 Et 20 Eg to 15	12 0 00 88 88 30 08	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			2121	173
		= :	A.A.	A			13 341	E 19	2					88	
	Mean reduced.	.i i	188_ 288_				5			5.	8			51.53	_ 8
Ţ,	Elevation above sea level, in feet,	28	253	불물지의중	=	1530	TERS 25 93 30 16 20 61 0152	E 2	PA:		122		3	98	1256 20-98 30-27 20 62 0 65 2675
	The state of the s	= = =		<b>电电路性层</b>	2157	日春日		-=42		តកន្ទងនេះ	À 4 E	4228	- 413		50
	Longitude W.	25	2555	262266	55		555	125	걸걸	LARRATE	3125	5552	=======================================	999	1139 30 6 135 0
	Latitude N.	- 2=	82,=12						223			9828			
-	1	22	- 동안당당 	Z = 3 = 2 = 2	4.75	255	14 13 2	1223	000 000 0	2227227	855	型議長高 下下	2.5	223	5.5
		1													
	7	4:							f.F.					4	Careross Dawson White Horse
	BTATION		1.77	:					nen.	Ilsain In		ie:	_ E	i bor	
	AT	13.1	F HE		51,	in :	ps.	ake	10.01	Netson Nickel Phto Okamigan Mis Princelon Pidot Bay	E Ska	Lak	Plan	Lucus Islami Tzonhalem Vletoria. Vancouver Winter Harbor	S
	2C	THI (	alme n cerv ion.	Bamffeld Big Creek . Coldstrenn Chiffiwack Unyoquot,	Cape Scott Fairview	Cheier	ulcool minu	sett nim	1	Cickel Phy Ramigan Fort Simp Trinecton Hot Bay.	Pentiston. Onesnelle. Rovelstoke Rivers Inle	ALL S TOD TOD	OTHER DOTAL	norfe con	Kon: areross hwson Vhite Hor
		BRITISH COLUMBIA Alberni Agnssiz	Athalmer Atlin Barkerville Bella Coola Ballion	Barnfleld Big Creek Coldstrenni, Chiffiwack Thyoquot, Crinbrook	Figure	Charry I	Karaloops. Kitannat.	Massett Namini Nicola	さん	Nelson. Nickel Phito Okamigan Mission Port Simpson Phitoston Phot Besington	Penticton Onesnelle. Rovelstoke Rivers Inlet.	Rossland Strart's Lake, Salmon Arm Spence's Bridge	Summerland Fubrice Plains,		VUKON: Carero Dawson White
1		=						a					2		~

_	-
4	-

	77	
	0 N N 00 0 000 00 00 00 00	H - 20 0 000000 0000
	7 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	may white wellooks to / -
		201
Saving guilling Night	Har a big as a superson p	12: 25 5 215 21
अस्त्रम्य विस्तृत्वहरूस्य विस्तृ	지정말 속 존옷은 점점 - 로 맛만나스점증명명 4	99 c Ac 4 848 84 845
11.85 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	<u> </u>	522° 5
5 4 1 4 5	: 레드 전 : 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	951 7 60 60
의유물, 유무리얼벌리롱용하는 옷과공동하	8 8888288 St. 18 828 St. 18	5314 MX 5 848 AS 584
	- m   -   -   -   -   -   -   -   -   -	रारारा चिल ने रेर्ग्सिक निले राराल
* : : : : : : : : : : : : : : : : : : :		*: ***
. <u>. i:=:::::::::::::::::::::::::::::::::::</u>	in the contract of the contrac	
X	· · · · · · · · · · · · · · · · · · ·	2 : E : : : E : : : : : E : : : : : : :
		-
2 2 : m : 2 : m : 2 2 : m : 2 : m : 2 : m : 2 : m : 2 : m : 2 : m : 2 : m : 2 : m : 2		2121 - 21
		구경의 이 경기 이 이 음악 등 이 이 이 기 병형 등
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	82 8 8 8 9 9 9 9 9
5 - 18 1 18 18 18 1 1 - m 1	1 E 1 E 1 E 1 E 1 E 1 E 1 E 1 E 1 E 1 E	ax 2 2 3 1 2 2 2
m = 00 to 00 + 70		ar . हि : च : : :
	: ( : ( : : : : : : : : : : : : : : : :	2
- 9 - 0 - 0N		©1+ ©
w   w   m   m   p     c   m	; H : : : T : H : : : : : : : : : : : : :	2- 101 - 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1-
	[ [ [ 24 ] ] ] [ [ 24 ] [ 24 ] [ [ 25 ] [ 25 ] [ 26 ] [ 26 ] [ 27	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
m 124		
		© → 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
222222 2222222222222222222222222222222	87 T 1977 1942 19 X 1982 X 18 18 18 18 18 18 18 18 18 18 18 18 18	200 10 10 20 20 20 20 20 20 20 20 20 20 20 20 20
:32225 : 12955629 : 0xr	: 50 : 51 : 51 : 50 : 50 : 50 : 50 : 50	- 28년 - 18년
x   w   w	20 2 20 00 00 12 0000010 0	<u> </u>
210000 10000 10000 110000 110000 110000 110000 110000 110000 110000 110000 110000 110000 110000 1100000 1100000	100 0 100 000 10 100000000000000000000	2223: 323323 32 23 32 32 32 32 32 32 32 32 32
2822 28822222 288	: 28 : 300 102 : 1:+m2-2-2 : 1 : 1	
: i i i i i i i i i i i i i i i i i i i	m m	
: 23252 : 232236236 : 338 	01- 0 00x 000 0 000 00000000 0 0	827 88 8 788874 8888 810 50 8 788874 8088
THE TOP	1	350 30 2 203524 3258 355 50 1 277000 3550
+ + + : + + : + + : + + : + + : + : + + :		355 (15) + (0) (4) (17) (17) (17) (17) (17) (17) (17) (17
: + + '   . !		
6518 2782222222 245123 6518 2782222222 245123	188 18 1234 1289 12 13 25 25 25 25 25 25 25 25 25 25 25 25 25	No.
	· · · · · · · · · · · · · · · · · · ·	
29 62 62 63 63 63 63 63 63 63 63 63 63 63 63 63	30. N. 30 11 28 30 0 61	1432 29 81 36 00 82 46 00 68 185 185 29 81 36 00 86 185 185 185 185 185 185 185 185 185 185
20 - 24 - 20 - 24 - 20 - 27 - 27 - 27 - 27 - 27 - 27 - 27		유경 : 60 : : : : : : : : : : : : : : : : :
	71	X S : 18 : : : : : : : : : : : : : : : : :
<u> </u>		
68 68 68 68 68 68 68 68 68 68 68 68 68 6		89 88 88 88 88 88 88 88 88 88 88 88 88 8
1650 1650 1650 1650 1650 1650 1650 1650	25.00   19.00	1432 1432 1433 1703 1703 1703 1703 1703 1703 1703 17
9 :28 :88 : : 555 : 5 5 5 5 5 5 5 5 5 5 5 5		1544579 1 152 1 1 go
	######################################	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
24-1- 1238128128128121	22	8.85.88.88.88.88.88.88.88.88.88.88.88.88
	# # # # # # # # # # # # # # # # # # #	2666665 5565556555555555555555555555555
	Andrew Company of the	
<u> </u>	fortia).  fortia).  fortia).  fortial.  fortial.  fortial.	minon Lawe.  Tince Albert.  W. Appelle.  Geginn.  I. Peter's  Wilf Current  Askattoon.  Micou Banch.  Nistou Banch.  Nistou Angery  Nistou.  Nistou
Landi		
asea Lan asea Lan aids ccord ccord on nry y (Ex. Si on nry rry rry rry rry rry rry rry rry rr	Creeking Checker Creeking Checker Chec	a a a a a a a a a a a a a a a a a a a
	Control of the contro	minon Lake, with profile (egina) it Appelle (egina) it Atters with Currel askatoon. Nitowa Bang Nitowa Nito
그 전문 사람은 당한 점을 하고도 되어야 되었다.		5 5 7 5 7 5 7 5 6 7 6 7 6 7 6 7 6 7 6 7
ERT A haba haba haba haba haba haba haba ha	Service of the servic	
ALREKTA— Athabasea Landing, Alix  Galanff, Blackfalds Blackfalds Blackfalds Calgary Calgary Calgary Calgary Cardslon Didshury Bunnvegan Edmonton Greek Hillsdown Hillsdown Hillsdown Lothbridge Lothbridge Lothbridge Lothbridge Narfron Narfron Narfron Narfron	Pincher Creek. Petrisko Patrisko Patris	Prince Albert Prince Albert Reginn St. Peter's St. Peter's St. Peter's St. Peter's St. Peter's All Hillory Carberry Carberry Carberry Carberry Carberry Carberry Carberry Charles Binthel Binthel Binthel Charles Binthel Binthel Binthel Charles Binthel Binthel Charles Binthel Binthel Binthel Charles Binthel Bint

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JULY, 1907.

	AIITIO	No. of thunder at	2000000000	= = = = = = = = = = = = = = = = = = = =	25-2			
		No. of 1 rorus.	#==========		2.270.2			
	> IIINIII	begin with the second	555531155571 17177111711	477 7	17:14	174 E	52005545452E	
		'U U	974864838	255 5	34/1	241 6	£7"£88£3478	-
	E	Hell or all		3 5	2	007 -	11- 10000-0	sses noseiess.
	11 v	mora creati	2 9 U70 9	1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 =	42	E 7 1	용도 무용되기소의 되	9867 RAAR SEE
	1 11:11		主治するがない。	ARE S	10/01	99E E	=2117名727名称()	RAMER SHEAREMENT
	PRI	Amount.	- m m - m - m - m - m m	21 201		71		21
		( on from,			=	=	,	=
	÷ .	-south lang shell			5/5	70	~1	5
	500	Highest day's			note (for	7 =	,	
	EDGITY WIND.	ler hour.			500			
	-	soli n n 517			-	900 am	904	-
		Total number of observations.	R 7 2	강 당	E 2	경우 경	222 <b>222</b> =	2 2 925
		C.		3 31	至 29	19 8	_ 00005 0	/ 0 210
nî.	WO		- 2 5	2 ::		21- 2	C C - 11 11 (- 1	n m = 5/4
Top.	ьком	7.11.			51 51			
otto	WIND	11.	= 5	7 8	17 7	11名 二	217112 TE E D	
GLLI		S.W.S	2 2 1	D 01	¥ =	二二二二三	TEE:02:00 0:	* #
with Registering Thermometers	10 %	'8	21 21 ==	= =	x 5	1-1- ===	1127××731 03	2 2 man = =
ring	1102	urs		N 21 -	and M	1-= =	-= 2 cm 24-	- m = m = -
iste	DIRECTION	E	21		= =	- 21 <u></u>	w-m-z== ·s:	11 m
Reg	Di	N.E.		X 21	====		-5-5-55 5:	/ =
-lth				21	122 000	-6 %	mesonge of	5 5 \$×-
y pe		.7.						
inluc	Hetely	No. of days comp	= =	-	21	gods uned	98 D	1 0000
urn		Mean amount of	red - ves	7	-	es es	- max (\$2 mm)	A CONTRACTOR OF THE CONTRACTOR
not f		Manidity.					- F	-
1811	10.011	devepoint,	Management .					
Stations not furnished	70 641	range.	-15 VICE 1010-	en en 30 - 20	70 C 1 4 C	000.7	ರಾಜ್ ಜರ್ಜ ಗಡೆ-ಕ	Tonu -aumma —
σ.		Mean daily	สิธ อริลิธริส	7777 F	7177731	#83122 ***********************************	564 556 456 566 576 476	ASSE SEZECT
		.93a(I	31-71		<u>12</u> m m m		, ala dia dia dia dia dia dia dia 28 dia 177 dia di	e de reserva de servicio de la compansión de la compansió
Level	ti.	Lowest	TA RESERVE	122 5	12282	5255E	medddddddyrhy Ngaesysky	
Sea L	KRATURE		82 0825202	222 5	221-2	22222	22622222222	
to X.	HAZ	Date.	22				[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	101 2
	, n	High ert.	79 79 87 8 % C	ラロロ (ロ 変えが 19	7779	77279	597587889929	79/3 95227255
diff	TEM	Tearsobservin	0 6 55 33 38 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	<b>ガスゲーテ</b> 一 20 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7778 33899 8E	808-8 2 2 2	청교학목정점점요점 1위한	1日名名 与前部第二名4四
of re		Difference :	S S EEE E	- 1 £ 1.	EE /	# I I	w- wd-siw	
r n	,		# PXEX= 10	528 (R )	2008 2008	82822	0-7000F-7-000	EDV T _ mn D mn V nm
a Barometer not reduced		— mank	20 22 2 2 2 2 E	# # # # # # # # # # # # # # # # # # #	.EGGE .	85533	######################################	exac mesessies
aro		Dange.	9.00	22 (5		72	+ : 8.5	<u> </u>
3	# #	Lowest,	E S S	3 8		25	188	00 0 00 0 00 0 00 0
	PRESSURE	The parties of		20 0 00 02 10 08 88 62 12 0 08 02 10 08 12 02		22.44 ZS: 657 FX: 685	10,000 mm.longes of	11 11 11 11 11 11 11 11 11 11 11 11 11
	PRE		1 4 3	8 8		嘉	1 E	. AA:
		Mean reduced.	1 2 2	報 報		7 81	5 N N N	22 288 288 287 287
		lovel, in feet.		######################################	12 S S S S S S S S S S S S S S S S S S S			
-	199 (	Elevation above				-		
		.77 ebuligno.1	- PERESERENT	8222220 959323		- 145		75777527275575575
			SESTEDSES SES	844888				"ELEBEREPHESERS_
		Latitude X.	22222222	@#######				101111111111111111111111111111111111111
		БТАПОМ.	MANITODA — Con.  Oakbank	Ontardo- Copper Chift	Harrie Bala Bruce Mines (Tinton)	Coldwater Cockburn Island Gravenhurst Hantsville Latowel	Janek unow. Janek Talon (Calvin) Meter Talon (Calvin) Metern Coverline Overline Overline Period Printe Sound Printe Sound Point Clark Southampton. Southampton. Southampton.	Brunford. Cottum. Cottum. Cottum. Finethi Finethi Fort Stanley. Fort Stanley. Fort Brevel. Fort Brand. Port Stanley. Fort Brand. Fort Brand. Fort Brand. Fort Brand. Fort Brand. Fort Brand.
			A COLTANGETY	N CREWES:	erart2	005443	edrice in the contract	erocericating

0020000000000000		oware Haffewards = 0	00711-14-15
		= = = = = = = = = = = = = = = = = = =	20
8 25 25 25 25 25 25 25 25 25 25 25 25 25	2 122255E18	5×45× 1291522122	12222515315
andanuadies ux- u	2 2222222	293158 2592525555 E 4	Z J J Z J Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z
	号 有男别名字言言答:	88588 8848898888 7 4	5/23m6/42/43/3
######################################	9 NIX 49	2 888 2 82 83 8	- 9 3R 39 5
	= 1112-22-1	မြောက်ခြောက် ရုံရေးကြွန်းကြောင့် ရုံးမြောက်ခြောက် ရေးကြွန်းကြောင့် ရေးကြွန်းကြောင့် ရေးကြွန်းကြောင့် မြောက်ခြောက်	H = H = H
	2 1-0951812KB	हत्र स्टब्स्य स्थाप्त स्थापत स्यापत स्थापत स्यापत स्थापत स्थापत स्थापत स्थापत स्थापत स्थापत स्थापत स्थापत स्था	\$48884868
00 00 00 00 00 00 00 00 00 00 00 00 00	m - 51 m m m m m m m m m m m m m m m m m m	SHANN DESCRIBER OF THE COLUMN	(I m mm districts for the man districts (I)
		* = : : : : : : : : : : : : : : : : : :	48 - 91
	8 : 1 : . : . : . :		58 8 11 1
			25 12 1
		——	
	- 11111111		=======================================
: 불 : : : : : : : : : : : : : : : : : :	38 38	######################################	2
(# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	== 1 23 ···· 120 □ 1	<u> </u>	= = = = = = = = = = = = = = = = = = =
			: _ : _ : _ : _ : _ : _ : _ : _ :
	3 × 3 × 3 × 3 × 3 × 3 × 3 × 3 × 3 × 3 ×	ကြွင့်တာအခဲ က⇔စ်ရှာလာသည်။ ကို ၂ 	
\$ 100 mm	3 31 70	왕-소-조 (박조==오称 ) 왕	12x 12 20 10
	o · : 일정 (200 ) : -	සුනහන්ව වුරප - සුගසු ි .ඩූ	== :- <u>9</u>
a la	= × 0 - 0 ×	\$25.50 NO-E355 N	3 3 :
			210 -E -82-0 -E
		2122 i =================================	
	=		2014-126
no		mgloc gernole (a).	On (0 2+ 0)
24 1 1 10 10 10 10 10	ு : அச <b>்</b> தி :	XXXXX DHHUDHH C	m=
	m	1- <u>K</u> C 5 2 1 2 2	x = 2 = : : :
	9 · · · · · · · · · · · · · · · · · · ·		Intel® In the state of
			<del>2</del> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	0 303 MH=31		X (0 0 717) - (0 - (0 -
	त संत्र अंतर्भ :	E ES 1 819ESF 6 6	1-2222 25EE
- 52 52 52 52 53 44 44 53 54 55 55 55 55 55 55 55 55 55 55 55 55	m mmaimmem :	\$-50-0085-858-008	종류종인성도인트림류
20x00000000000000000000000000000000000			
	= .552225828 :	RENTS   11-5874894   15 4	
- 485688888888888888888888888888888888888	r Brassas ;	28225 32823282 12 12	1-0-1
	<u> </u>		
232887787778883	8 188588888 8 10 10 10 10 10 10 10 10 10 10 10 10 10	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
64000 1 1 6000000 1		2	2 46 124 88 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
11 / 1   - / -			
	858888888 818888888	8 8 888888888 8885 8	910 T 251-2 915 925 8 5 2 5 8 5 2
	20	き	25 25 28 17 28 25 28 28 28 28 28 28 28 28 28 28 28 28 28
1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			16 (商務 1 (新 1 ) ) (の (のの ) の
	15 :	25.38.39.11.38.29.21.38.38.38.39.21.38.39.21.38.38.39.21.38.39.21.38.39.21.29.21.29.21.29.21.29.21.29.21.29.21.29.21.29.21.29.21.29.21.29.21.29.21.29.21.29.21.29.29.21.29.29.21.29.21.29.21.29.21.29.21.29.21.29.21.29.21.29.29.29.21.29.29.29.29.29.29.29.29.29.29.29.29.29.	25 20 20 20 20 20 20 20 20 20 20 20 20 20
29 87 39-11 29 87 39-11	9 : : :2 : : <b>II</b> : : : : : : : : : : : : : : : : : :	8	8 88 8 1
	왕 : : : (왕 : : : : : : : : : : : : : : :	12 <del>8</del> 1 1 1 1 <del>8</del> 1 1 1 1 <del>8</del> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
150 88 88 89 150 150 150 150 150 150 150 150 150 150		25 25 25 25 25 25 25 25 25 25 25 25 25 2	585288E88
887 º 57 6 6 6 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KKEGGKKKERE TTHEFKERERE	84888888888888888888888888888888888888	489882844 489882384
The state of the s	\$88×827226	######################################	gerige orders
	**************************************	**************************************	±1-∞i0+0i0i0i0i0
ONTARIO—Concluded.  Stratford Stony Creek Woodstock Wolkland Wildson Wildson Wildson Wildson Wildson Windson Windson Windson Windson Windson Factoronto Bast Toronto Kingston Farsido Hono Park Ilope Toronto Bancroft Clontarf Hancroft Clontarf Kingburdon Halbburdon	Lindsay, Lankefield Madoe, Nadoe, Ottawa, Ottawa, Otombeo, Peterboro, Rockliffe, Reafrew, Uxbridge	Abitibi. Anticosti, E. Point. Anticosti, W. Point. Brome. Brown.	New Brunswick— Bathnest Crathan Halhousie Fredericton Grand Manan Moreton Norton Norton St. Bohn St. Stephen St. Stephen St. Stephen St. Stephen St. Stephen
O Maria de la companya de la company	HANOOTHADD E	444amuccherstramana	Z =0=±0%=0.000

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JULY, 1907.

a Barometer not reduced to Sen Levol. \* Stations not furnished with Registering Thermaneters.

		90	
	20332 1		=
1114 -1	T-b (10 / /		2 -
	water that is a larger to the control of the contro		5
	TO VALUE OF THE	E E ENGLES CEE E 5 75 E E ENGLES CEE E 5 75	
Z.		E & 39EE4886 27E 5 84	Ÿi
171	Indiana II	S & 20 4 866	
PRECITATION	मान्या कर्मा व मुम्स	= 11 == = = = = = = = = = = = = = = = =	7
1.1		\$ # 87=\$08\$\$ 485 0 05	73
1	.tonom/	70 70 <del></del>	G 9
	moat no.	de J.	
ē	-parih han stad	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
VELOCITY WIND.	/C 001().	and the state of t	
SI	a'gali ten faiH		
5	Section rolles and red	=	
	Rubility as do lo	S 23 S23 S22 S23 S23 S23 S23 S23 S23 S23	- 2
	Total number		21
	:0	· · · · · · · · · · · · · · · · · · ·	2.4
1203	7.11.	= c m/ mm xm c-	-
7	11.	e n vgag ea unn geru	77
Z Z		7	<del>=</del>
14	711.8		6/6 6/6
Ç 72	'8		
1.10	'A'S	- SEE 31- 00-0 & 21%	/ 5
DIRECTION OF WIND FROM	.a.	- <u>5 Terus</u> - <u>50</u>	-
1)1		12	=
	N.E.	<u>්ත වූ වූ</u> පවස - කට - සමට - ල වැන	= ====
	.7.		
tionali.	No. of days comp	E 5 20 2 2 2	Ċ
	epong*	to the second of	ψ.
	Mean amount of		
	Mean relative		:
10 941	Mean temperatu dewpoint,		
	range.	1	90
	Date.	<u> </u>	t
			ē
4 0 Mag	Lowest	9 3 82 88 88 28 5 5 88 9 5 6 6 6 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Ē
1.1.1	tanua	S 12 S 2 S 2 S 2 S S S S S S S S S S S S	=
Temperature.	Date.		
N	Highest.	7 2 72722222 222 5 22 22 327222222 222 5 22	9.9
F	Tears observin	1	91
	толим и стание.	11	0
	Difference		28.87 + 0.116.86
	Mean	전 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등	00
	10 11		: 13
5.3	Range,	第 : N 器	- 5
CE.	J.9West.	8 8 8 8 8 8 8 8 8 8 8	9.
PRESSURE.	Highest	No.	131 (30-15/30/31/29/80/0/35
PR			
	Mean reduced.	x x x x x x x x x x x x x x x x x x x	3.08
	level, in feet.	88 124888 8888 8 18 18 18	3
F119	Hevation above	- ####################################	
	Longitude W.	. 22822222222	98 39
		- 282882882-28	2
	.N abutitad		22
			,
	ż	20%	
	10	fings fings	
	ΑT		
	BTATION	Part of the part o	rn v
		Nova Scotla  Intidgetown Indiffax.  of Ficton Affictor Salde Salud, E. Point Salde Salud, M. Slation.  Salude Salud, M. Slation.  of Funco Windson Summersido.	Prospect
		्रे चान्ध्यत्रहरूड्श्यूश्य <u>च</u> टानस् हे स्टर्नस	122

## PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER. &c., DURING JULY, 1907.

		RAINFALL			:	Vov	FVLL			
STATION.	Ampeni in inches	No. of Days, '01, or Over	No. of Fair Tays	Heaviest Fall in Month	Date	An ount in incl es		H evi E H it Monte	ilate.	REMARKS _
British Columbia—	in.			in.		îtt.		i 1.		
Coquitlam	1 23 0°58 1 26 2 63 0 65 0 36 1 10	3 3 11 1 2 9	95.56 A.9.543	0 85 0 38 1 01 0 53 0 65 0 30 0 84	2 3 2 1 3 2 3 1					Thunder 2nd, 22. Auro (197) Thunder 2nd.
Swanson Bay	3 67	34	13-3	[2]	1					
Bardo Beaver Hills, W Bismark Bruederheim	2 35 2 12 2 80 1 73	6 11 9 9	25 20 21 22	0.78 0.79 0.48 0.55	24 10 11 11					Thunder 11th, Thunder 10th, (1, 16, 21, Thunder 11th Thunder 11th, 42, 48, Aurora 21st, 27, 28,
Bittern Lake, Contts Clover Bar Conjuring Creek, Dorenlee Grassy Lake Heather Brae	2 27 2 00 0 98 1 71 2 94 0 40 1 98	12 5 3 3 8 2 13	19 23 27 24 20 29 17	0 8 1 1 00 0 60 0 75 0 85 0 20 0 56	24 10 23 4 24 11 11 21					Thunder 10th. Thunder 1th.
Islay Innisfail Josephburg. Junping Found Lacombe Leavings Macleod Magrath Mayton Morinyille	0.78 1.41 3.23 1.27 0.22 0.49 2.63 1.83	6 12 7 4 1 4 6	25 18 20 55 22 26 25	0 29 0 33 1 00 0 50 0 11 0 18 1 43 0 50	17 21 18 3 15 15 8 17					Thunder 3rd, 11, 17, 22, 23, Thunder 8th, 48, 21, 22, 23, 26, Thunder 11th, Thunder 11th, 8, 9, 11, 12.
Okotoks Ponoka Sion Stirling Saidle Lake Vermilion	1 29 2:21 2:14 2 08 1:21	10 8 17 5	18 20 12 22 20	0°21 0°66 0°45 1°04 0°36	11 12 12 13 13					Thunder 10th. Thunder 8th, 11, 12. Thunder 8th, 11, 12.
Wabamun	2 70	16	13	0.11	10					Thunder 10th.
SASKATCHEWAN— Arcola Flm How Hanley Insinger	973.) 2.33 2.42 1.70	3 7 9 9	28 20 20 20 20	0°14 0°85 0°80 0°61	20 20 25 21					Thunder 11th, 20, 22, Thunder 2nd, 3, 4, 11, 48, 49, 22, 23, 24, 28, 31,
Last Mountain Regina	2.76	12	19	0.56	13					Thunder 16th.
Manitoba—										
Beaver Cartwright	2163 2157	11 14	18 14	0.99	24 13					Thunder 3rd, 15, 24, 31. Au- rora 10th.
Gretna Norqnay Rapid City	2701 2/50 2760	7 10 10	24 18 20	0165 0157 0150	13 5 22					Thunder 5th, 43. Thunder 3rd, 5, 6, 16, 19, 24, 25, 30. Thunder 2rd, 3, 4, 6, 49, 20, 22, 31.
Rosebank										
Aurora. Aurora. Arden. Croydon Deer Park. Dutton Emsdale Ennismore Goderich Georgetown	1 45 1.79 1 28 2 51 0 60 1 06	9 12 6 6 6 11 3 3	20 19 25 21 24 18 28 28 20	0°48 0.46 0°30 0°50 1°20 0°83 0°35 0°50 0°57	31 12 12 25 8 24 8 25 25 25					Thunder 6th, 25, 31, Thunder 1st, 7, 17, 21, Thunder 8th, 12, 20, 25, 30. Thunder 6th, 12, 23, 26, 29. Thunder 1st, 6, 22, 24, 25, 26, Aurora 10th, 27.
Huntsville Lansdowne MacCue Midland Montague Orangeville Princeton Sydenham Stratbroy Watford Westport Wooler Westminster Wiarton	1 11 0 54 2 40 1 00 2 33 2 81 2 98 1 63 2 73 2 89 1 66 2 91 2 58	5 3 5 6 6 4 5 4 8 7 8 11 5 4	25 27 5 28 25 25 25 25 25 25 25 25 25 25 25 25 25	0.68 0.39 0.50 0.38 0.78 0.82 0.50 0.50 0.50 0.50 0.50 0.50	22 12 20 11 29 1 1 11 20 24 11 20 20 11 11					Thunder 20, 26 Aurora 10, Thunder 7th, 8, 20, 21, 30, Thunder 1st, 8, 25, Thunder 1st, 24, 26, Thunder 1st, 6, 8, 20, 24, 29, Thunder 1st, 6, 8, 20, 24, 29, Thunder 8th, 20, 24, 29, 31, Thunder 24th, 25, Thunder 8th, 24,
New Brunswick— Point Escuminac	6:02	11	11	0.00	21					Fog 1st, 18, 49, 28, 31.

PROPORTION OF BRIGHT SUNSHINE REGISTERED IN EACH HOUR OF THE DAY DURING WHICH THE SUN WAS ABOVE THE HORIZON IN THE MONTH OF JULY, 1907.

Hot is Ending																
STATIONS.	5 а. пв.	6 6. 111.	7 n. m.	= :	14.13.131	[10 th. 111.	11 11.11	Noon.	1 p. m.	71	3 D. III.	4 p. m.	5 p. m.	- E P. H.		<u></u>
Victoria	, (1-111)	0.40	0.60	0.73	0.71	н 8 <u>1</u>	0.01	0198	0.90	0.57	0.81	0.82	(i ~]	0.73	0.32	
Nanaimo	0.09	n: 10	0.73	0.85	0.89	(1 %%	11.5%	0.91	0.83	() 56)	0.77	1):79	0.5)	0.71	0.65	
Agnosia	0.00	(1.1)()	0.11	0.52	0.56	() (%)	0.70	0.77	0.75	0.77	11 35%	0.65	0.50	0.35	0.10	
Kamboops	0.00	0.43	0.67	0.76	0181	0.53	0187	0.82	0.81	17%	0.80	0.69	0.57	0.53	0.39	
Savonas																-1
Calgary	0.01	0.90	0.61	0.17	0.71	0:71	0.76	0.78	() ""	0.21	0.66	() ()	0.56	0.50	0.41	0.05
Medicine Hat	1														-1	
Edmonton	0.03	0115	0.85	0.72	0:71	0.719	0.68	0.62	0.68	0.79	0.28	0.75	0.74	6.72	0.17	0.05
Battleford															-11	
Indi in Head	0.(0	0.08	0:49	0.61	0.61	0.67	{In(is)	0.70	0.21	0.03	0.63	II:6a	0166	0.57	0.41	i
Brandon	0,00,	0.00	(11:25	0.60	0.83	0.85	0.86	0.79	0:51	0.77	0.21	0.00	(1-1)1	(1-{{}}	0.11	
Winnipeg	0.00	0.39	0.61	0:72	0.78	0.80	0.82	0.88	01/82	0185	0.81	0.80	0.71	0.51	0:27	
Woodstock		0.10	0157	0.46	0.85	0.83	0.86	0.45	0.73	0.80	0.78	0.68	0.60	0.56	0.35	
l'oronto		0.01	0.46	(0.63	0.68	0.81	0.28	0.82	(*180	0.81	11.43	0.80	0.70	0.22	():(15	- 1
Lindsay	0.01	0.53	0.32	0.43	0.25	0.61	0.08	0:67	0.02	0.23	0.75	0.72	():(%	0:71	0.65	0.522
Barrie		0:30	0.48	0.23	0.68	0.68	0.75	0.23	0183	0.81	0.48	0.77	0:77	0.62	0.58	0.01
Gravenhurst		0.12	0.35	0:55	0.61	0.65	0.69	01.69	0.75	0.20	0.44	0.43	0.68	0.37	0:14	0.0
Haileybury	0.15	0.33	0.45	0.22	0.01	0.61	0.63	0.28	0:5%	0.23	0.49	0:50	0.53	0.58	0.25	0.01
Kingston	0.00	0.42	0.69	0:72	0.25	0.69	0.72	0.73	0:73	0.68	0165	0.68	0.63	0.45	0.15	
Ottawa		0.08	0.40	0.61	0.65	0.72	0.73	0.75	0.42	0.68	0.61	0.61	0.23	0°38	0.(4)	
dontreal		0.08	0.45	0.48	0.21	0.28	0.61	0:67	0.23	0.65	0.68	11:59	0.22	0.39	0 01	
herbrooke	0.00	0.36	0.19	0.24	0.60	0.64	0.41	0.08	0.98	0.65	0.65	0166,	0160	0.52	(1129	
Quebcc		0.10	0.33	0:41	0:49	0.53	0.80	0.60	0.61	0.62	0.21	0.25	0.12	0.46	0.12	
Fredericton		0.06	0.51	0.30	0.35	0.30	0.39	0.49	0°51	0;50	0.20	0.46	0.49	0:10	0.58	0.01
Charlottetown	0.01	0.15	0.51	0.30	0129	0.36	0.41	0.12	0:50	0.90	0.20	0.19	n: 15	0.43	0.12	

Vletoria.	Agassiz. Kamloops.	Savonas. Calgary Medicine Hat.	Edmonton. Battleford.	Indlan Head. Brandon.	Winnipeg.	Woodstock.	Lindsay.	Barrie. Gravenhurst.	Haileybury. Kingston.	Ottawa. Montreal.	Sherbrooke. Quebec. Fredericton Charlottetw'n
Mean proportion for month 0.65 0.70 0 Constant sunshine being 1	17 0:61	0.22	0.28	0:49 0:5	3 0.61	0.01 0.28	0:57	0.60 0.2	2 0.49 0.57	0.50 0.46	0.23 0.41 0.32 0.34
Difference from average. 0.07 = 0	.03 —		-	-0.08 -0.0	3 +0.08	+0.08 +0.08	0.00	+0.01 —	- 0.00	0.05 0.13	-   -   0.19 -
Maximum daily amount. 0.82 0.89 0	75 0.91	0.91	0.86	0.77 0.7	6 0.86	0.86 . 0.29	0.06	0.85 0.8	1 0.50 0.89	0.82 0.81	0.91 0.80 0.88 0.86
Date 7-9 7	7-8 30	1	30	5 3	9-10	9-10 13	9	9 2	7 18 13	21 21	1134 1 15
No.ofdays.com- pletely clouded 0 0	2, 2	2	1	0	0. 1	1 1	1	2	3 0 2	2 3	1 3 6 3

Aurora recorded :-

Where the class of aurora is noted by the observer, it is given, (I) being the brightest, (IV) the feeblest in brilliancy.

- 1. St. Albans, II.
- 5. Bruce Mines, Chaplin, Waitefield, III.
- 6. Grenfell, II; Waitefield, IV.
- 8. Gray Hill, Waitefield, IV; Knee Hill.
- 9. Waitefield, IV.
- 10. Woodstock, N.B., Hamilton, Brautford, IV; Lake Talon, St. Albans, II; Grenfell, I; Fox-leigh, Chaplin, Waitefield, III; Cartwright, Georgetown.
  - 11. Estevan.
  - 17. St. Albans, IV.
  - 21. Gray Hill, IV; Bruderheim.
- 27. Haliburton, Hamilton, Lake Talon, Bruce Mines, Owen Sound, Lucknow, II; Treherne, St. Albans, II; Chaplin, Waitefield, I; Pakan, III; Salmon Arm, Summerland, Denman Island, Bruederheim, Georgetown.
  - 28. Paspebiae, IV; St. Albans, II; Waitefield, 1; Bruederheim,
  - 31. Chaplin.

Thunder recorded on:

- 1. Arden, Georgetown, Midland, Princeton, Wesport, Madoe, Brantford, Birman, Peterboro', Agineourt, Lake Talon, Sutton, Waitefield, Bon Accord, Big Creek.
- 2. Denman Isld., Somas River, Insinger, Rapid City, Summerside, Brome, Sutton, St. Albans, Ladner.
- 3. Josephburg, Insinger, Cartwright, Norquay, Rapid City, Kenora, Moncton, St. Albans, Foxleigh, Regina, Estevan, Macleod, Tobacco Plains, Salmon Arm, Summerland, Princeton, Rossland, North Nicomen, Ladner, Tzouhalem, Big Creek.
  - 4. Heather Brae, Insinger, Rapid City, Wolfville, Regina, Estevan, Red Willow, Rossland.
- 5. Gretna, Norquay, Woodstock, N.B., St. Stephen, Brome, Paspebiac, Otonabee, North Gower, Oakbank, Pekisko.
- 6. Leavings, Norquay, Rapid City, Aurora, Emsdale, Georgetown, Westport, Paspebiac, Hamilton, Madoc, Agincourt, East Toronto, Stony Creek, Lake Talon, Orillia, Grenfell, Estevan, Tobacco Plains.
- 7. Arden, Lansdowne, Summerside, Pt. Lepreaux, St. Stephen, Port Dover, Kenora, Sutton, Meaford.
- 8. Jumping Pound, Leavings, Sion, Vermilion, Croydon, Lansdowne, Midland, Westport, Wooler, Wiarton, Pt. Lepreaux, Brome, Madoe, Brantford, North Gower, Peterboro', Port Dover, Port Hope, Agincourt, East Toronto, Lake Talon, Owen Sound, Sutton, Orillia, Waitefield, Bon Accord, Kneehill, Red Willow.
- 9. Leavings, Summerside, Pt. Lepreaux. St. Stephen, Brome, Chicoutimi, Paspebiac, Suttou, Moncton, Lloydminster, Waitefield, Bon Accord, Tobacco Plains.
- 10. Beaver Hills W, Bittern Lake, Okotoks, Saddle Lake, Wabamun, Wolfville, High River, Waitefield, Wetaskiwin, Blackfalds, Bon Accord, Kneehill, Pakan, Pekisko, Tobacco Plains.
- 11. Bardo, Beaver Hills W, Bismark, Bruederheim, Elm How, Josephbury, Lacombe, Leavings, Sion, Vermilion, Insinger, Lake Talon, Regiua, Lloydminster, Estevan, Gray Hill, Waitefield, Wetaskiwin, Bon Accord, Kneehill, Pakan, Red Willow, Salmon Arm.
- 12. Bruederheim, Leavings, Okotoks, Sion, Croydon, Emsdale, Summerside, Beatrice, Madoc, Estevan, High River, Bon Accord, Tobacco Plains.
  - 13. Gretna, Bathurst. Kenora, Oakbank, High River, Big Creek.
  - 14. Waitefield, Bon Accord, Salmon Arm, Nickel Plate, Princeton, Rossland, Nicola.
- 15. Cartwright, Oakbank, Salmon Arm, Prineton, Rossland, Big Creek, Nicola, Bella Coola, Alberni.
  - 16. Beaver Hills W. Norquay, Otonabee, Meota, Tobacco Plains, Salmon Arm, Big Creek, Nicola.
  - 17. Josephburg, Arden, Strathroy, Summerside, Birnam, Lloydminster, Alix, Hillsdown, Pakan-
- 18. Bruederheim, Jumping Pound, Insinger, Oakdale Park, Gray Hill, Waitefield, Blackfalds, Bon Accord, Red Willow, Princeton, Rossland.
- 19. Insinger, Norquay, Rapid City, Bruce Mines, St. Albans, Humboldt, Regina, Estevan, Blackfalds.

- Brome, Proper and Grand Rand, Madoc, Otomber, Pererboro, Port Hope, Agincourt, Last Toronto, Kerori, B. of 0.1.1 (Ckk nd. Chaplin, Estevan, Blackfalds, Tobacco Plains, Colden Salmon Arm, Rosslini, by Carriela Cooli.
- 21. Imple Leant Arden, Strathroy Sutt in Waitefiell, Tobbe o Plains, Salmon Arm, Summer will. Nievel P. Princeton, Rossland, Big Creek, Bella Coola.
- 2º Down I Lim How, Josephburg Jumping Pound, Insing r Rapid City, Georgetown, Fort Hope Aginton List Toronto, Foxleigh, High River, Gleichen, Pekisko, Salmon Arm big Creek.
  - 23 Je prib i st. mping Pound, Insinger, Linsdale, Vgincourt, Kenora, Oakback, Toxleigh,
- High River Goldon, Solmon Arm, Princeton, Rossland Big Creek.
- 21. B. ver I I V.. Ins us r. Cartwright, Norquay, Georgetown, Lansdowne, Princeton, Westpert, Woole, Western, Brome, Hamilton, Madoc, Paris, Brantford, Birnam, Otonabee, Pet r. cro. Po. 10 p. rert Burwell, Agincourt, East Toror to, Lule Talon, North Bruce, Lucknow, OrdPa, Claren, S. V. n., Indian Head, Foxleigh, Meota, Regina, Lloydminster, Saskatoon, Chaplin, Walffield, Bor Accord, Pakan, Red Willow.
- 25. Norquay, Amora, Croydon, Georgetown, Midland, Westminster, Cockburn Island, Hamilton, Paris, St at ord, Brantford, Birnam, Otonabec, Port Dover, Port Hope, Port Burwell, Agincourt, Bruce Mines, Kenora, Sutton, Lacknow, Clinton,
- 26. Jumping Lound, Okotoks, East Mountain, Umsdale, Georgetown, Huntsville, Princeton, Strathroy, Pt. Lepreaux, Bathurst, St. Stephen, Prone, Beatrice, Hamilton, Brantford, Port Dover, Port Hope, Last Tororto, Lake Talon, North Bruce, Sutton, Lucknow, Orillia, Foxleigh, Regina. I loydminster, Cleichen. Bon Accord.
  - 27 Lt. Lepreaux, Fenora, Moncton, Oakdale Park, Foxleigh, Meota, Saskatoon, 28, Insinger, Bruce Mines, Oakbank, Chaplin, Blackfalds, Bon Accord,
- 29. Emsdale, Westport, Wooler, Madoc, North Gower, Peterboro, Lake Talon, Kenora, Bloomfield, Gray Hill, Hills lown, Rossland.
  - 30. Norquay, Croydon, Lansdowne, Woodstock, N.B., Brome, Otonabee, Lake Talon,
- 31. Insinger, Cartwright, Rapid City, Aurora, Wooler, Summerside, Hamilton, Madoc, Birnam, Otonal ce. Peterboro, Port Hope, Agincourt, East Toronto, Lake Talon, Bloomfield, Foxleigh, Princeton, Big Creek.

#### FORECASTS FOR JULY, 1907.

The forecasts issued by this office at 11 p.m. each night, are posted up at every telegraph station in Canada, and are for the 24 hours beginning at 8 a.m. the following day.

The number of predictions issued during the month was 1316. These were divided as follows:—

			Virifh.d.						
	DISTRUT.	Na.	No.	No.	No.	Per			
			Fully	Partly	Not	centage			
Vhertx		57	(%)	19	2	Nº 13			
Sick to new in		* 1	68	12	1	** 1			
Magtoba		81	£27	13	1	47 à			
Lake Superior		1.52	\$k\$	17	9	-57			
Lower Lake Region		133	. 111	15	1	91-1			
Cengin Bay		133	111	18	1	\$61.5			
Ottawa Valley.		118	56	- 11		87.1			
Upper St. Lewrence		117	101	fj	7	91.5			
Lower St. Lawrence		100	51	16	12	81.7			
Gulf.		1.9	71	26	9	79/8			
Maritime Provinces, West		111	177	13	6	81/2			
Maritime Provinces, East.		116	īĒ	26	6	82.6			
Total		1316	1006	205	75	¥i 5			

In order to obtain the percentage of verification of the predictions, the number partly verified is divided by two and a lded to the number fully verified, and the result divided by the total number issued.

In ascertaining to what extent the predictions have been verified, the reports from the agents at all observing stations, as well as the telegraphic reports, are used.

R. F. STUPART,

### DEPARTMENT OF MARINE AND FISHERIES, CANADA

METEOROLOGICAL SERVICE.

# Itlanthly Teleathen Review.

VOL. XXXI.

AUGUST, 1907.

No. 8.

#### INTRODUCTION.

In compiling the present Review the principal data made use of are the telegraphic reports of observations received at this office for the purpose of weather forecasting, and reports by mail from voluntary observers and storm signal agents. For the material used in tracing the paths of areas of high and low pressure in the United States, we are indebted to the Chief of the Weather Bureau, Washington, D.C.

#### REMARKS UPON THE WEATHER.

A marked excess of precipitation and a very general subnormal temperature marked the weather of August throughout the greater portion of British Columbia, the only exception being in the southern part of Vancouver Island, where the precipitation was somewhat deficient and the temperature a little higher than average. The continued rains delayed the harvest somewhat. Maximum temperatures exceeding 90° were recorded at many stations, occurring at most places during the first three days.

Throughout the Western Provinces conditions were cool, and on a few occasions frost was recorded at many places. The rainfall was heavy except in Southwestern Alberta where a subnormal amount was recorded. Harvesting was well under way by the end of the month.

In Ontario fine weather predominated and the rainfall was light. The second week of the month was generally warm but otherwise conditions were cool. Pastures and root crops were much affected by drought, but the dry weather allowed the harvesting of grain in excellent condition.

In the western portion of Quebec, conditions were much the same as in Ontario, but over eastern districts, the rainfall was excessive and the weather cool.

Much cloudy, wet, cool weather prevailed during August throughout the Maritime Provinces and in consequence vegetation though of rank growth was not approaching maturity. Light local frosts were recorded in Cape Breton Island on the 22nd.

#### ATMOSPHERIC PRESSURE.

The mean atmospheric pressure for August was subnormal throughout Canada except in Eastern Ontario, locally along Lake Huron, and over the Coast and northern districts of British Columbia where a slightly supernormal value was registered.

#### HIGH AREAS.

Seven areas of high pressure were charted during the month, three first appeared on the Pacific Coast well to the northward of British Columbia, two on the North Pacific United States coast and two apparently originated in the Upper Lake Region. The areas assumed the usual feeble summer type and their drift was over the Lake Region, whence some drew southwards and dispersed and others passed off either the New England or the Middle Atlantic Coasts.

#### LOW AREAS.

Eight areas of low pressure were sufficiently well defined to be charted. Their tracks were with one exception over the Western Provinces, thence almost in a straight line to the northern portion of the Gulf of St. Lawrence, passing far to the northward of the Lake Region and the Ottawa and St. Lawrence Valleys. The depression which deviated from the general course appeared over North Carolina and thence travelled over the Maritime Provinces into the northern portion of the Gulf of St. Lawrence. It was, however, of feeble energy as were several of those taking the northern path.

#### WINDS.

In British Columbia, in Vancouver and on the mainland the direction was chiefly southerly to westerly with six days with strong and eleven with fresh breezes.

In Alberta and Saskatchewan, the westerly direction slightly predominated with eleven days with strong and ten with fresh breezes and two gales.

In Manitoba the south and west winds were the most in evidence although the easterly was also well marked. There were ten days with strong and eight with fresh breezes and three gales.

In the Lake Region the direction was variable. On six days strong breezes were experienced and on nine the winds were fresh; at other times they were either light or moderate.

In the Ottawa and Upper St. Lawrence Valleys the direction was more or less variable but favouring the westerly with five days with strong and seven with fresh breezes.

In the Lower St. Lawrence Valley and the Gulf the south and west directions were the most general with ten days with strong and eleven with fresh breezes.

In the Maritime Provinces the south and west directions prevailed generally with seven days with strong and ten with fresh breezes. During the month there were a few local high winds or thunder-squalls from Ontario to the Maritime Provinces but no general gales. No warnings were issued.

#### TEMPERATURE.

A subnormal mean temperature was recorded throughout Canada during August, except in Southern Vancouver Island, the County of Essex and along the west shores of the Georgian Bay in Ontario, and also very locally in Quebec, where the average was slightly exceeded. Negative departures were however not excessive excepting in Alberta and Northern British Columbia where a deficiency of from 4 to 6 degrees occurred.

The Highest and Lowest temperatures in each Province during August 1907, were:

British Columbia,	980	·3 on 1st at Alberni,	22° 0 on 30th at Nickle Plate.
Alberta,	000	·6 on 25th at Lethbridge,	26° 5 on 19th at Red Willow
Saskatchewan,	940	·0 on 13th at Meota, and	
		on 8th at Swift Current,	28° ·0 on 21st at Kamsack.
Manitoba,	980	·0 on 9th at Pipestone,	23° ·0 on 21st at Carberry.
Ontario,	990	·0 on 9th at Point Clark,	24° 0 on 16th at Clontarf.
Quebec,	87	9 on 11th at Montreal,	30° 0 on 28th at Brome.
New Brunswick,	870	·0 on 13th at Chatham,	36° ·0 on 23rd at Sussex.
Nova Seotia,	54°	·0 on 14th at Wolfville,	36° 4 on 23rd at Sydney.
P. E. Island,	770	·0 on 6th at Charlottetown, and	
		on 14th at Hamilton,	46° 0 on 19th at Summerside.

#### PRECIPITATION.

In the southern portions of Vancouver Island and on the Lower Mainland the rainfall was very ight, less than half the average amount in many localities. In other parts of British Columbia it was nearly everywhere much in excess of the average, Cariboo recording nearly three times the usual quantity. In the Western Provinces and east as far as Lake Superior with the exception of a few localities in Southern Alberta, the rainfall was also remarkably heavy, the positive departures being equivalent to over 100 per cent at Edmonton. Swift Current and Regina; 52 per cent at Prince Albert, 57 per cent at Minnedosa, and 89 per cent at Port Arthur. The Peninsula of Ontario and the Ottawa and Upper St. Lawrence Valleys, on the other hand, suffered from the lack of rain, the drought being severely felt in nearly all the districts, the deficiency of rainfall varying from 50 to 76 per cent. In the Western portion of the Province of Quebec the rainfall was also exceedingly

light but eastward it increased steadily, reaching the average amount a little below Quebec City and exceeding it by 18 to 28 per cent in the Gaspé Peninsula; much rain also fell over the Maritime Provinces the excess from the usual quantity varying from 3 per cent in Prince Edward Island to 36 and 38 per cent in parts of Nova Scotia.

#### BRIGHT SUNSILINE.

A supernormal value of the mean proportion of bright sunshine for August was registered in Ontario, whilst elsewhere in Canada the amount was subnormal. The extremes of departure from average were -12 per cent of the possible amount at Winnipeg, Man., and +5 per cent at Kingston, Ont., and the maximum daily amount, 97 per cent was registered at Lindsay, Ont., on the 22nd.

PRESSURE, TEMPERATURE, WIND AND PRECHUTATION AT STATIONS IN THE DOMINION OF CANADA, AUGUST, 1907.

a Barometer not reduced to Sea Level. \* Stations not furnished with Registering Thermometers.

	-11	77 071	200	0110	01000	===	0 0	-2022			5 4	Wagner of	2165		0 0
		- (1) (1)	7: £	2=5	2488	5 5 5 <del>1</del>	=	2025	4588	5.5	5.5	111111	45	HRICA	224
-	=3J)((H	a) to the sint	e m	222	=2215	42	470	2223	9355	2.2	=======================================	22222	4 - M	무너트인. 발교되었	252 422
-	ATTON	III to entitle	= 5 = 5	285	2772	918	3	5535	2000	25	5 %	21526¥	1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 =	00001	000
	ITAT	Dilibrem e from average.	3.5	. <u>E</u> .	1-		1 15	=	別を表		=	5 5 5	51	9 8	
	PRECIPIT		- 李三	455	##E#	± 24	=	2002	4483	27	25	237773	28	4555	446
	=======================================	 lanoutA	- 2		77777	1-1-	-		=						-
ı	-	north bun otall most noit		45 45				11	28			- II-w		22.	T.
	ELOCITY WIND.	Highest days		7-		*		=	5			Ξ		77.7	0 01
	VELO	per hour.		= =					= -			-		30 m 30 m	
		soliun mold		건강	Series Series Series	2		24	E 2			9		22	8
1		C, Total number		( = =	=	21		= ==	<u>z</u> <u>t-</u>			8		A 21	*
ri l	FILOM	N.W.	-	2121		=			24 m			=		tion out	Ξ
		m:		※三	1-	***		- m -	·C 21		-	a		21-	40
	WIND	://.8		74 🖺 -	- 5	#1	-		m <u>=</u>		=	Ē		第章	-
	OF.	·s		8-	2 m	- 45		d	= 2			=		<u> 23</u> →	E-a
TUK	10.N	HS		· 10	12	=			<u> </u>		-			<b>→</b> <u>□</u> .	<del></del>
1.214.1	IHRECTION	E	- :	Julius	2 m 164	Ξ		-	× :			- 91		10 10	=
MIN	Ξ	N.E.		5 5°	9	=		via.	Ξ =			=		2.23	=
man l		-N		20-	h <sup>rin</sup>	21		gane				=======================================		71	÷.
1310		clouded,		₩ C	7.			= =	- 3			×		21 mm :	5
	Motole	cloud.		w-	(m			-	- 9			~		17.47	¥
10		Mean relative burnidity.		21				2	K			2		1 **	
108 1	10 04	Mean temperatural													
257		range.		1255 1255	表別に出	- 71 20 M	7.	55555 5555 5555 5555 5555 5555 5555 5555	23/25	15 to	98	848588	15.55 1.55 1.55 1.55 1.55 1.55 1.55 1.5	5255 5255 5255	555
	3	Date.	- £ %	\$28°	8828	123	13	素は発音器	2555	215	종말	288298	素章	총액류류	言語語
vel.	1	Lowest	50.00	25.5 25.5 25.5 25.5 25.5 25.5 25.5 25.5	00-0 8828	212	÷	00000 88888	<b>一</b> り0日 日は日最	-00 212	0 % 88	882828 205725	97.7	01500 EE 2500 EE 2500	555 888
Sen Le	PEMPERATURE	Dato.	_==	1-71-		田が	71	01		- 71	31-			-8	× = -
10 %	'ERA		- n=	:PPP :		212	=		21555	-==	9 =	22-22	ΞΞ	1-200	202
need	TEMB	Years observing Highest.	33	日本第二   対名王 :	日本の日本		21 22	22222	- 2552 -	N. F.	88	2 - 2 2 - 2	- 23	보건도 Engl	
Led .		Difference from average.	91 to 100	7150	5	0.5.10	23		10 01 01 		5.3 13	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	-21	-261	711
r 110			3	- 2.2 - 2.0	xosx xosx	818	21	88238 6804-	2423 2423	-1-	- m -	888888 -======	21.6 21.8	558k	222 202
metr		.п.вэ12	~~~			4 77	Iā				26.6		0.0		
a Barometer not reduce		Rango.	ii	200	30 (8 30 52 52 (8) 0 18			- E	50 0 15 05 05 15 05 05 05 05 05 05 05 05 05 05 05 05 05			5 = 5		SI 0 88 79 0 18	5 0 1
U	PRESSURE.	Lowest.	Ē	81 E1	2 31			- 8	E 8			e A		हो हो।	8
	RESS	Highest	ë	88	- S	:	-	8 .	72 S			FE		5151 8.8	55 8
	-	Mean reduced.	* :	88 88 88	80 8			3	8 8			E .		88 88 88	B B .
	Rela	Elevation above	-85	1233		P 85	-	2550 2550 1110 29 91 30 25 27 (5) 0 (0)	8 18 8	200 E	5 · 6	2000 1770 2000 22 200 22 200 12 15 12 15 12 15	8.8.3 8.0.3 8.0.3	28	1200 to 90 to 27 de 31 0 96 2075
	-	Longitude W.	25	18853	= = 0 ts ts = 8	215512	- [- ]	au au-	 89588	71 = 71	5 5	22845755 2547555	88.5 52.5 52.5 53.5 53.5 53.5 53.5 53.5 53		50
	-		12 12 11	8425			23:		经营业的证			8-8-8-8-8 5-8-8-8-8	S15-	2 222 2 3128	5138
		Latitude N.	2.2	문원당원	MARREE	485	2:	88 88ª	22 E E E	EEE	西 五	<u>의료왕공교육</u> 공론	322	e zes	-25
	1		. =	. 1											: .
		ż	VIII						, c	12017	•	=	5. 7		
		)II)	тап	9 =	: =	Bay	Ţ		iii Somo foolog	Mis	How.	nigto.	sridg und Inin	n n T.:.:	DER.
		8TA TION	I Co	rectility of the Cool	Fold Fresh Winch	# TE	Poi	oppis	THE PARTY OF	A Trib	TEST.	Bay Kash Kash Satuk Satuk Satuk Satuk Satuk	S S S S S S S S S S S S S S S S S S S	Thetis Islat Zombalem Zictoria. Zamemyer Kinter Ha	on on
			Martish Columna Alberni. Agassiz	Athalmer Affin Larkerville Rella Coola.	Bamffeld  Nig Urook  Yoldstroum  Yullwarck  Tayloguet  Yearbrack	owichan lape Scott raw ford Bay	Jairview Jarry Point	Colden Rolley. Kamboops. Kitamaat	Anssett a Nanaimo Nicola Like North Nicomoo,	irke irke kun	Penticton.	Plot Bay Port Kssington Quesnelle Revelstoke Rivers Intet. Rossland Shuarf's Lake. Salmon Arm	Spence's Bridge Summerland February Pains	Thotis Island Tzonhalem Victoria. Vancouver	YPEON: Careross aDawson While Horse
			ž	~~===					5	.7.7.5			5 7, 7. T		3 8

		Ç. (r				
	mor = = = = = = = = = = = = = = = = = = =			m = 0 0 0	me & 200000	2005
	2.0000		nimenenne		mo & grotto	. = 0 = 4
18128 128221822 22121 1921 2226 21821	22 5 5 22	3131 -31	STEERS IS	23, 22, 2	요즘 뭐 뭐롭게하느느	71
28852 3752823752 28852 2752	788 8 84		522223 TE	22 22 1 87 En A	TA PERSON	15 <u>82</u>
	_ 151 3 51	== 71	None	-0 01 0		2-2
2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4 = 4 :8	2.9 2.3	5 7 0	Z	5.71 
	. FRE 5 28	 	장대음실롯로 낡다	28 1:2 %	84 4 457888	745182
المراجع والمراجع المراجع المرا	The same from the same of the		- 100 m 51 51 55 12 75	h- h- 1	201 20 0122-012	20 20 H
					1	
					a E	
					_	
					1=	
E	-34 8	월 류	M 23 M	원류 등 원	2 2	92
E	2 - im		er (20 -	프트 중 11	2 2	- 33
91 · 82 · 83 · 19 · 19 · 19	- 2 - 3	98 01	2 21 k	31 <sup>-1</sup> = 31	= 3	2115
51 10 101 ± 30 ± 30					= %	
				_	and a project	T, and
	_		世 社会 日	1-2	Cushin septiminal total of the septiminal se	
20 31 1 20 30 101 100		- 0	and \$ Call	2 -	= :	÷m
	23	T 0 21	m :22 =	tw t m	71	21.2
(a) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c		m . w .	c w- s	= m = m	= 1 1 1 1 1	well were
<del> </del>	- 40	\$1 B	23 - 122 m - m	== m n	m (2)	th th
	ु क	÷ =	o , o	711	51 œ	No.
<b>1 1 1 1 1 1 1 1 1 1</b>		©1		J		; , ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
<u> </u>		en i i		S2 -5	; =	
						:
States St	1888 5 85	in a in	1-00-00-00-00-00-00-00-00-00-00-00-00-00	48 원원 원	-v m mxp mx	5558 5558
	第3章   21 <u>212</u>   12   12   12   12   12   12   12		585558355 585588555	22 22 2 23 25 2	22 2 222222	515151 515151
		20 .0	2121 2	-22 01- **		1.225
विवेद्यात विवेद्यात्राच्या विवेद्या	man			유표 [유유 경	अस स अस्तरसम	1888
	· 21 22 21   21   22 21	ation ( ) (x)	<u> 51- x s s s S −1-</u>	88 -85 ×	<u>xg-m sa<del>g</del>gee</u>	Esse
ු පත කොට නි   පුළුවනුව (කමුමුම්කුවනුවන (සම්ප්ර		22 : 2 :				
20222 222222222 7222 22222 2222222222222	200 2 2E	-Siz 20	出名伝統の表表を表示	52 57 7 E13 8	E9 4 8897E88	25% 25%
## 1 1	242 S 25	99 7	336883388 3-21-3-19 15 3	52 57 7 21 72 81 2 21 7	# 2	31315757
						1.11
2250 557 828856 88858 2250 557 828886 88858	250 S 250 250 S 250 250 T 250	39.50	2988888888	5 88 88	58 880 K NO	5882
12 12 10 00 1 1 1 1 1 1 1 1 1 1 1 1 1 1		)— - P		· 9 17		¥
20.75 20.65 20.07 20.07 20.07 20.07		7 N N : 1	=======================================	マケニュー	<u>54</u>	9.
99 13 0 81 18 0 85 18 18 18 18 18 18 18 18 18 18 18 18 18		N	- <del>-</del>	データ - 15 章 名 名	62 0 0g 68	90.0.08
281 29 57 0 76 282 29 58 0 77 29 29 11 0 73 29 13 0 81		22.3		1000円 100円 100円 100円 100円 100円 100円 100	62.0 0 g 65.67.4	181.0 ISS
88 30 26 20 36 0 75 8 8 30 26 20 36 0 7 7 8 9 30 26 20 36 0 7 7 8 9 30 20 30 11 0 7 3 9 31 30 81		3 - 22 - 23 - 24 - 25 - 25 - 25 - 25 - 25 - 25 - 25		78 30 20 37 0 33 91 30 20 12 0 37	67-0 pg 150-55-0 p	(A) 181 (A) 182 (A) (A)
8		29 X1 3 + 22 20 10 ii × 22		20178 30 20 20 37 0 33	67-0 ng 68-68-18-18-18-18-18-18-18-18-18-18-18-18-18	29-85-30-26-29-30-0-66
8		1882) 1820 g9 x4 3 r 22 29 (10 0 8 2 18 9 1 7 1 1 1 8 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1589 1807 1814 1824	er Eess	255 255 255 255 255 255 255 255 255 255	1889 29 85 30 25 <u>39 25 39 0 98</u> 818
1650 2876 2876 2877 2977 2977 2977 2977 2977 2977 2977	200	4588988	# 1538	SAN EESS	111.0 11.0 11.	201834
1650 2876 2876 2877 2977 2977 2977 2977 2977 2977 2977	200	4588988	2 (63 + 1 NS) 11 (6 to 1 NS)	SAN EESS	111.0 11.0 11.	201834
43 113 1 1650 29 91 30 20 113 113 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 20 113 20 20 20 113 20 20 20 113 20 20 20 113 20 20 20 113 20 20 20 113 20 20 20 113 20 20 20 20 113 20 20 20 20 20 20 20 20 20 20 20 20 20	20 11 3 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	2022-222 222-222 1152-2222 1152-2222	2 12 22 23 24 24 24 24 24 24 24 24 24 24 24 24 24	28 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	86488 9-8824 9-8824
43 113 1 1650 29 91 30 20 113 113 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 113 20 20 20 113 20 20 20 113 20 20 20 113 20 20 20 113 20 20 20 113 20 20 20 113 20 20 20 113 20 20 20 20 113 20 20 20 20 20 20 20 20 20 20 20 20 20	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4588988	2	SAN EESS	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	201834
24 42 113 17 1650 24 43 113 12 1650 34 39 34 34 31 31 1650 34 34 34 34 34 34 34 34 34 34 34 34 34	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2022-222 222-222 1152-2222 1152-2222	2 12 22 23 24 24 24 24 24 24 24 24 24 24 24 24 24	28 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	86488 9-8824 9-8824
10   10   10   10   10   10   10   10	8	2022-222 222-222 1152-2222 1152-2222	2 12 22 23 24 24 24 24 24 24 24 24 24 24 24 24 24	28 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	86488 9-8824 9-8824
ding	2	# 25 S S S S S S S S S S S S S S S S S S	# P R R R R R R R R R R R R R R R R R R	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
ding	2	# 25 S S S S S S S S S S S S S S S S S S	# P R R R R R R R R R R R R R R R R R R	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ment	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
ding	2	# 25 S S S S S S S S S S S S S S S S S S	# P R R R R R R R R R R R R R R R R R R	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ment	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
ca Landing 54 43 113 17 1650 51 29 143 17 68.  68.  68.  69.  69.  69.  69.  69.	2	2022-222 222-222 1152-2222 1152-2222	# P R R R R R R R R R R R R R R R R R R	28 28 28 28 28 28 28 28 28 28 28 28 28 2	reent 20 2 117 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, ALGIST, 1907.

a Baremeter not reduced to Sea Lovel. Stations not furnished with Registering Thermometer

		Paol lo oli	====		zzm	0-00			-=	0100200-
	AHITO.	No. of thursder at	\$000		omo	-5.55	000	110000	:2+0+mm++10	00000000
		Agab that to .o.	2662	1 1 1 1 1 1	n 1 n 1 n	55520	和五名()		1485249233485	Saraahna
	1970III	140 for diam god	2020		222	2/22	21 23 12	part .	mo - mo (+ (+ in in in in in	1-17 / 0.12 - 11
	ZE.	Harrietta, Harrietta, and Harrietta, Albanita.	7856 		336	라마프트 레스트로	372	27848	5642852837465 555555555555	ERREARES
	1 × 1	razhuan sv	71 1	16E E	1.0	88	至 石	EERE	최소유원교육 유미유하드	일본도대 구르소
	PERTITA	mort source fired	71 0		^1	*1			72 C 2 cm cm con	2312
	REA	lunour/.	5489		X48	2878	222	2 428	MANAGE STATE OF THE STATE OF TH	=722729E
	5	Date and direction from		× =	= -		2 4	=	111	7
	1 2	rejocitž.		-	5.3		ว์เ	-	\$8 CE	
	WIN	e'tab ie mgiH		=	55		=	-	27	= 12
	VELACITY WIND.	per hour.		-	21			_	_	
	-	bolim mask			-		_	_	7 -	·- /
		Todmun late!	=======================================	3 2	24	8 3	22	J. 1	esuras er s	888
		.5	=		Ξ	- E -	7122	,	101-11 17 0	= = =
ź	FROM	'AU'N	<b>c</b> .	¢ y	=	宝 嘉	E 21	21	2500 0E -	1 = 1 = nn 2 1
orte				= =	=	21	- 51	-000	82-215 8m /	254
11011	INT	11.	~	- /	÷i	y, sh		0.	Emmerca — a m	Z 12
Thermometers	OF W			2 - 2-						
E 3		- 3	21	- 10	25	<u>et</u> -t	30.70	£.	SETTRAL XT 및	(0.03 m)
F	CYLLIG	SE	7	- E	2	= =	===	- ′	TECETA TO T	23 Lm mm
Kint	DIRECTION	73	_	17 17	25	= -	21.25	21	m-=315 x m/s /s	-=::
Stuttons not furnished with Registering	2	N.E.	01	C 21	2	= -	01	-	prince on the	= 0.00
WIT				20 21	=	- 0:	ma	1	=x-02= 25 5	
led		clouded.		- 21	-		=	-		m 21
FI.	Metely	cloud,		e :	=		on.	1.0h	m 2552	weig 1000
Ē		Mean amount of								
not		Mean relative dibinind								
lon	10 01	Alean temperatu dewpoint.								
Stat		range.		opera a	mix x	- 2.0.0		R-Aum-	\$\$\$\$\$ <b>-</b> \$\$\$\$\$\$₹\$	
*		Date.			188	2555 2858		스위취등의 타지지지리	និសិតិតិតិក្រុង ខេត្ត សេសសេក្សា ខេត្ត	- 워퍼족류다'드용 - 프리워싱플스웨딩
-:			====		212					0/2-212000
3,07	33	<b>1</b> 89₩0.1	ERRR	28888 2000	파트였	の中のの			**************************************	4855555
to Sen Lovel.	KMPERATUR	I)nte.	2222	s Ex Es	<u>===</u>	=====	2222	====5,		menenee
20	EILA		r-000	100000	ĉ a a	2===		- 21	-	7:0::0:2
Too!	EMI	Highest.	강왕품호	出りのまり	255	グラたる	1977	99937	REFERENCESE	王を立るカラスを
ed a	=	l'ears observ'in	9 K 9 K 9 K 9 K 9 K 9 K 9 K 9 K 9 K 9 K	2182251E	= = = = = = = = = = = = = = = = = = =	533 to	表主義一	HEEDER HEEDER	Balake, and an	Hamman was
of r		Difference from average.	- 22	-2- 21	=	- 21	· -	0+010170		papant in a makes
er n		Mean	20 m i m i m i m i m i m i m i m i m i m	12022	(3.50%) = 医衰落	or more	5 to 7 to	V 01 0 01001	ex y sign commerce	a o lo platoc
a Baremeter not redu			. Septical	- 288 B 16 E	200	01	7		العاطات والمراوعا والمعاط	1
aro						청유용장	4858	유민국설업	pasagasayasaga Faxiby cua-Fo	FEEEEESEE
		Hange.	- Ú	E . X		정유유정 -				112
a l	IKE.	Lowest.		2 · 8		8882 -				112
a l	SSUKE.	Lowest.	ii.	9 28 28 6 71 8 29 35 0 18x		청중점점 -				112
a l	PRESSURE.			20 OF 28 28 OF 71 30 78 28 28 0798		정품 중 전				F 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
a l	PRESSURE.	Lowest.	lis. in.	S 65 26 01 28 26 0 71 (		청독독점 -				F 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
a l		Mean reduced. Highest.	in. in.	25 15 29 01 25 26 19 7 10 55 39 25 26 15 0	88 0 00 00 82 81 00 0 88			To the second of	90 02 30 31 20 03 0 75 30 02 30 31 20 03 0 71	20 00.39 38.39 02.0 02.0 03.0 03.0 03.0 03.0 03.0 03.0
a l		Highest.	710 im. Im. im. SW	1531 1212 1212 1213 1214 1441 170 29 85 30 33 35 0	1102 811 2008 2003 29/20 0 88 ( 1236 1230	12 G G G G G G G G G G G G G G G G G G G	01010	74) 4 8 4 6 57 187 (87 145 (87 145)	287 (E.S. 29 (2.30) 37 29 (2.10) 7. (E.S. 30 (2.30) 37 29 (2.10) 7. (E.S. 30 (2.30) 37 29 (2.10) 7. (E.S. 30) (2.30) 37 29 (2.10) 7. (E.S. 30) (2.30) 37 29 (2.10) 7. (E.S. 30) 7.	200 200 200 200 200 200 200 200 200 200
a l		Mean reduced. Highest.	- 27.7 & m.	15 1231 11 189 25 65 26 01 28 26 06 10 1212 35 1441 7 70 20 85 30 38 26 35 0	20 1102 12 811 2091 20018 29/30 0 88 18 1306 18 130 5 130	12 C C C C C C C C C C C C C C C C C C C	00 00 00 00 00 00 00 00 00 00 00 00 00	20 (20 ) (20 ) (30	90 02 30 31 20 03 0 75 30 02 30 31 20 03 0 71	13. 48. 39.01.30.32.52.03.03.03.03.03.03.03.03.03.03.03.03.03.
a l		Longitudo W.  Elevation above lorol, in feet. Mean reduced. Highest.	5.55 3.5 in.	1531 1212 1212 1213 1214 1441 170 29 85 30 33 35 0	조 조 조 조 조 조 조 조 조 조 조 조 조 조 조 조 조 조 조	12	8828 8288 8388 8488		100 00 00 00 00 00 00 00 00 00 00 00 00	2
<i>a</i> 1		Flevation above literal, in feet. Mean reduced. Highest.	2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	101 15 1231 97 13 1459 25 15 20 01 25 25 0 98 10 1212 100 55 1441 97 7 70 02 55 30 23 25 35 0	20 20 20 20 20 20 20 20 20 20 20 20 20 2	12	8828 8288 8388 8488			2
<i>a</i> 1		Longitudo W.  Elevation above lorol, in feet. Mean reduced. Highest.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	19 11 10 15 1531 10 12 20 25 1180 25 55 20 01 25 25 10 10 25 25 10 10 25 25 10 10 25 25 20 01 25 25 20 10 25 25 25 20 10 25 25 25 25 25 25 25 25 25 25 25 25 25	조 조 조 조 조 조 조 조 조 조 조 조 조 조 조 조 조 조 조	12	8828 8288 8388 8488			
0.1		Latitude N. Langitude W.  Elevation above Tevel, in feet. Mean reduced. Mighest.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	19 11 10 15 1531 10 12 20 25 1180 25 55 20 01 25 25 10 10 25 25 10 10 25 25 10 10 25 25 20 01 25 25 20 10 25 25 25 20 10 25 25 25 25 25 25 25 25 25 25 25 25 25	조 조 조 조 조 조 조 조 조 조 조 조 조 조 조 조 조 조 조	12	8828 8288 8388 8488			
( n )		Latitude N. Langitude W.  Elevation above Tevel, in feet. Mean reduced. Mighest.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	19 11 10 15 1531 10 12 20 25 1180 25 55 20 01 25 25 10 10 25 25 10 10 25 25 10 10 25 25 20 01 25 25 20 10 25 25 25 20 10 25 25 25 25 25 25 25 25 25 25 25 25 25	조 조 조 조 조 조 조 조 조 조 조 조 조 조 조 조 조 조 조	12	22.23 23.25 23.25 24.25 25 25.25 25 25 25 25 25 25 25 25 25 25 25 25 2			世
( n )		Latitude N. Langitude W.  Elevation above Tevel, in feet. Mean reduced. Mighest.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	19 11 10 15 1531 10 12 20 35 11 180 25 65 20 01 25 25 0 50 1 57 11 805 19 51 10 55 144 19 51 10 55 144 19 51 10 55 144 19 51 10 55 144 19 51 10 55 144 10 51 10 55 144 10 51 10 55 145 10 51 10 55 10 55 10 55 10 50	## 18 20 20 20 20 20 20 20 20 20 20 20 20 20		md	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		世
0.1		Latitude N. Langitude W.  Elevation above Tevel, in feet. Mean reduced. Mighest.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	19 11 10 15 1531 10 12 20 35 11 180 25 65 20 01 25 25 0 50 1 57 11 805 19 51 10 55 144 19 51 10 55 144 19 51 10 55 144 19 51 10 55 144 19 51 10 55 144 10 51 10 55 144 10 51 10 55 145 10 51 10 55 10 55 10 55 10 50	Titl		md	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		世
(7)		Longitudo W.  Elevation above lorol, in feet. Mean reduced. Highest.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	19 11 10 15 1531 10 12 20 35 11 180 25 65 20 01 25 25 0 50 1 57 11 805 19 51 10 55 144 19 51 10 55 144 19 51 10 55 144 19 51 10 55 144 19 51 10 55 144 10 51 10 55 144 10 51 10 55 145 10 51 10 55 10 55 10 55 10 50	Titl		md	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		世
(7)		Latitude N. Langitude W.  Elevation above Tevel, in feet. Mean reduced. Mighest.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	(c). (c) 18 (c)	Titl	12	md	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		111

			ogice xcompanachecco	0==4===0
-	00000 0000000000			# 000=00000°
		ត់ ឯងគន់និត្តគឺន	2222 22222222222222	858555555
		0 -000001-1-00	SANT PETERFETTING	#x 212-1000
		2	30018122332 336 8	128528888
	T9288 2 5 26852	8 88288	x xa 25 28351 8	E =287= 8
		1 112	+ ++ .	
	2.20.00 0000 00000 00000 00000 00000 00000 0000	8 122888228	7 TE 3857 388 3885 3385 3	\$25555555 \$45555555555555555555555555555
	9 N W 2 N W		7 W 11 W 13 W 13 W 13 W 13 W 13 W 13 W 1	* * * * * * * * * * * * * * * * * * *
•	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			= 1 1 1 1 m = 1 1 m = 1 1 m = 1 1 m = 1 1 m = 1
		e di Establica	器 - 探幕	
	= x		9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
-			See 100 to the see 10	
		8   28 88	2 22 22 22 23 23 25 25 25 25 25 25 25 25 25 25 25 25 25	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
_		G	รูสคอ (พอดพิตูเลกค ค	ကောင်၍ (အမ ×
-	88	2 : x & == :	- 223200×10 30643×	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
_				
				SESS SS S
	<b>工资</b> ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	日 : : : [13] [2] 2	2200 832253 0	3231- 310 1-
		열 : 기가 무취	5252 - 2-wagare -	여도 구점 -
	2 2 2 2 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- ज्यातिक व्यान्य क्ष्रिक न	mm=0  -n 0 ·
	22		9191-19 (CHEQ910) H M	mm mm 23 93 - 1 m 24 - mm
	210 10 10		: ::::::::::::::::::::::::::::::::::::	31
	178		7-29 02-0883- 8	ଜର୍ମ- ଜାନ୍ତି :
		3	<b>2</b> ₹- 11 1 11 12 16	n -n -e
_				
		888 8585 :	8 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8	12881 8818; 12881 8818;
		3 83535153	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4888888
			555 5588851556 55 1	499899999
	======================================		2212 222 272 2 2	222233222
	:		5555 5554051-35 53 5	convecator
	第四条次数 医医疗性治疗疗疗医医医疗	3388888	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
		1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		\$2500 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	+ : : : : : : : : : : : : : : : : : : :		= 10 = 31	
_		8 <b>6 2 2 2 3</b> 8 3 8 3 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ाठ महोता चार्यक्रिया हरू चार्यक्रिया । वार्य वा	88898888888888888888888888888888888888
		8 6 6 6 6 6 6 6 6 6		
_		8 8 8	29-17 0-73 29-36 (0-81 29-36 (1-81 29-36 (1-81 29-36 (1-81	55 0°77 54 0°77 54 0°77
	30.01 30.40 50 66 0.48	33.61 30.52 53.05	0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	89 89 89 89 89 89 89 89 89 89 89 89 89 8
	- 1 [윤	8 8 8	1	<u> </u>
	90 : : : : : : : : : : : : : : : : : : :			8 88 8
	15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.1°4 30°30 20°41 20°43 30°30 20°41 20°43 30°30 31°24	- 1 - 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 3 - 1 -	IS 1333 13
	- 1 m 1 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m	1 1 6 5 1 1 1	8 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3	ର ରିଥି ର ଗ୍ରହ୍ମ ବ୍ୟବ୍ୟର
	1191 282 380 380 380 380 380 380 380 380 380 380	15 12 12 15 15 15 15 15 15 15 15 15 15 15 15 15	8	1824681-86
	ozat-222 322222	可能は可以基本資本表	8288×8889-25287250	2335225-232 0.6552-25555
		Seriology and Se	22122222222222222222222222222222222222	2955555555 *****************************
	82-8-12553: \$4888888 82-8-12553:	::::::::::::::::::::::::::::::::::::::	x 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2522555555 20 25 25 25 25 25 25 25 25 25 25 25 25 25
===			· -	
			ne.	
ed.			Political Politi	
Jud	e de la companya de		Faul Faul	n nux
Zone	reck k. d. d. d. hlor b.	10 M	Ke. C.	NSW Con anna prec ch
)-0	store	Peld C	osti osti Roc Osti Na Va Treal Diac roc roc ining	RC. ham ham ham ton Lon Lophn eph
Ontario-Concluded.	Strutford  Strutford  Woodstock  Welland  Welland  Wallacoburg  Wallacoburg  Wallacoburg  Wallacoburg  Mindsor  Wallacoburg  Bloomied  East Toronto  Lakesside Home  Lakesside Home  Lakesside Home  Lakesside Home  Coronto  Colontarf  Hallburton  Hallburton  Hallburton  Lakesside Home  Loronto  Colontarf  Hallburton  Hallburton  Lakesside Home  Loronto	Lukefield Madoe North Gower Ottawa Ottawa Peterboro Reckiffe Ixbridge Ursa	Abitini Anticosti, E. Point, Anticosti, S. W. Point, Anticosti, S. W. Point, Anticosti, S. W. Point, Bicquet Brone Clarke (Tiy, Chicoulum, Chicoulum, Cape Chatte Father Point Nontreal Paspebiac Chaspebiac Chicke Cape Chatte Cape Chatte Chicoulum, Chicou	New Brunswick Bathurst. Chatham Chatham Fredericton Grand Manan Moncton St. John St. Stephen Sussex Woodstock
INC	ZZESERZEZEZEZE	TANGUARRUD E	<<<< <a>&lt;</a>	E WOOZCZĘŚŚŚ

PRESSURE, LEMPERALURE, WIND AND TRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, AUGUST, 1907. a Baremeter not reduced to Sea Level. Stations not furnished with Registering Thermoneters

	(ILI	-4-11 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	m 2 2 minin	2221	1001		- 2
		141111 1	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	= 조리제되죠	125	TLEA	wa wa
		Train audil	L - 1/11	ing the same	1-21=	/ · =	-
1	É	Halbant H Union n		14545	Z 1 2	\$ 23 5 T	7 = = =
		Distribute from	72 to 01 4	0.54	발설 H	5 % 4 7	E.
	111111111111111111111111111111111111111			EKEE	3 4 5	F(2) = 7	<u>=</u>
	Pick	J (80 ) [	tmat		22	Mark Mark	2.0
	~	Date and direction.	\$ \$/ S =	. =	ila I	7	=
	5 6		2 2	-	53	n n	=
	WIND.	Highe t day	5 A	= =	7	Ξ	
	7	ler pour.	[ w ww	71 12	60 + + 40 /fbr	100 100 700	3
		enoitavroedo lo	2 F 2553	8 82		2225	- 2
		Total number	- 1 - Epoli	, -m		-35-	-5-
	F Read	Z.W.	2 = 201-	-5 5 =	- :	~ <u>~</u>	
		11.	1- 20 25122		× 01	8851	21
	WIND	×11.	2 9 822	2 = 2	we y	四半青春	77
1	E.	'8	<u> </u>	==		×==-	- T =
7	DUKECTION	14.8	។ ១ ១១១១	- 1	with the second	8272	T =
101	KKCI	E.	- 71 - 51 2			21-2-	
	Ξ	X.E.	- 2 -236	21-		= = = = = = = = = = = = = = = = = = =	m
				× 2 7		271271	773
		cjongag*	/ m ==	- 1-	= = = = = = = = = = = = = = = = = = = =	1- 7	=======
		cloud,	φ <u>i-</u> <u>wi</u>		- (	- a	15
1100	1	Mornidity.					
	10.21	Mempoint. Alean relative					
SHOTHER	7002	raziura.		Son of		<u>, , , , , , , , , , , , , , , , , , , </u>	= =
5		Date, Mean daily		59431E		2225	<u></u>
				*** = ***	===	.====	> -
DOMEST TO A TOTAL	165	Jan.vo i		1=8=	552	E 2 2 2 2 .	75
Ser.	TATTEGEATT	.elati		3-272	무료하	第四部 (c)	=
10.00	MITE	De offgiH		トゥロロー フタブを辞	500	4887	7
- 1	11.	L'earsobsert 'ti	8 8 557	20 20 5 2 -1 - 0 10 0	원호프 -	- 21.21.21 8 = 20.00 - 31.21.21.51	120
		Difference sparses			a		0
O BELLINGUETAR DOLL FOR		Дени.		18822 	25.5 c u =	2555 2555	77
and the	-			- <u>2</u>			
1751	2	Lowert. Marge.	31 51 30 30 31 34 0 34 34 34 34 34 34 34 34 34 34 34 34 34	S) 0 20 97 FE 00 85 65	99 188 30 53 55 36 186 186 	10 10 10	
-	Pressum.		8 8 8 8 7 9	· 3	 	- 1 - 81 -	
	Pices	7- H2 H	A A A			- E	
		Thomb is diself.	28 91 30 30 20 34 0 74 24 24 63 0 63 34 25 29 63 0 65 38 0 65 38 0 65 38 0 65 38 0 65 38 0 65 38 0 65 38 0 65 38 0 65 38 0 65 38 0 65 0 8	3	3 8	18 0 C 18 CS 08 18 CS 18 CS	Tel or the two one of the
	Wilson	Fervillin thet	ละ จะลลล	3782	Ž.	3 <u>A</u>	5
			ESEGREES	10 m 2 m	227	급취임용일 명홍 2성명	3
		W shiftsnot	. 222555335 - 222355235		292	48 243 88828	= =====================================
		.Z. sbummal			- 11-	56555	72
			Ė			-	
				aTraro Windsor Woldsille Wolfsille Whitehead			
		S	* RE 7.7		; ;	· ·	
	+	8TATION	wn wn ding o	. 3.2	S - tow	THE THE PERSON NAMED IN COLUMN	
		E8 .	Scor fax. Has thore	S ille S ille Tehen	4LA)	THE STATE OF	l b s
			Nova Scorta- Hridgetown Halifax. Pirton Pursbaor Sydney. Syble Island, b Sable Island, b	Windsor Wolfeille Whitebead Yarmouth	P. E. Istand Charlottetown. Hamilton Summerside	Amour Point Chaunell Chaunell Toint Rich St. Johns	Bernt by Prospect
	H		7 =	2 .	2 7	7.	=

## PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER, &c., DURING AUGUST, 1907.

		11 A I	NEV	LL		2	X 0 V	V F A L.L.				
STATION.	Amount in inches	No. of Days, '01, or Over	No. of Fair Days	Heaviest Fall in Month	Date	in		Heavies Fall in Month	Date.	REMARKS.		
BRITISH COLUMBIA	in.			in.		in.		iu.				
Coquitlam Denman Island Goldstream Lake. Hartley Bay . Naas Harbour Nanaimo Royal Oak Swanson Bay Somas River	1 11 0:65 1 41 7 68 0 53 0:35 7 86 0:95	8 9 11 16 3 3 19 5	23 22 20 15 26 28 26 26	0 17 0 23 0 40 1 53 0 31 0 26 1 05 0 48	11 7-25 22 27 8 25 12 25					Thunder 25(h.		
ALBERTA-												
Bardo Beaver Hills, W Bismark Bruederheim Bittern Lake, Coutts Clover Bar, Conjuring Creek, Dorenlee Grassy Lake, Heather Brae	4 '68 4 '64 3 '99 3 '30 5 '52 0 '50 3 '25 5 '08 4 '63 0 '20 5 14	6 8 12 8 11 6 4 6 8 1 13	23 17 18 24 20 25 26 21 20 30 18	1 20 1 61 1 103 1 70 1 23 0 20 1 20 2 22 1 88 0 20 1 28	26 26 25 26 14 30 25 26 18 9 26					White frost 19th, 31st. Thunder 6th, 7. Thunder 7th, 11-13, 14 Au- rora 19th, 30. Frost 31st. Thunder 2nd.		
lslay Innisfail Josephburg Jumping Pound	1 53	· · · · · · · · · · · · · · · · · · ·	23	0138	11			1				
Kimball	1.74 4.10 2.37	8 5 7	16 21 23 24	1164 + 0114 1179 0170	9 9 25 8					Thunder 5th, 11. Trace of snow on 17th. Thunder 9th, 10. Thunder 2nd, 5, 10, 11, 24.		
Magrath. Magrath. Mayton. Morinville Okotoks Ponoka Sion Stirling Saddle Lake Vermilion	3:72 1:03 3:75 2:85 3:30 4:65 3:43 4:94	9 8 4 6 2 4 6 2 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	20 23 26 26 13 22 13 27	0 70 0 31 1 56 0 75 1 16 1 89 1 18	9 25 26 18 19 18 25					Frost 18th.  Thunder 2nd, 3, 5, 10, 11, 14 lee 1/16 on 19th.  Aurora 1st, 30, 31.		
Wabamun	4 20	8	20	1146	25					Frost 19th.		
Arcola Elm How. Hanley Insinger. Last Mountain Regina	2°14 3°23 2°98 2°29 5°48	7 8 7 10	24 23 22 23 20 20	0.98 0.95 0.95 0.73 2.53	11 30 15 26 31					Thunder 5th, 8. Slight frost on 1st. Hard frost 20th. Thunder 8th, 15.		
MANITOBA-												
Beaver Cartwright Gretna	5 81 3 83 2;23	11 7 6	20 23 23	1192 1109 0165	11 26 26					Thunder 10th, 14. White		
Norquay	2 83	10	21	1/15	11					frost 3rd, 20, 21, Thunder 5th, 6, 8, 9, 11, 11, 15, 25, 31.		
Rapid City Rosebank	5-56	11	20	3.25	10					Thunder 1(h, 9, 10, 13, 26, 30.		
Ontario-		- 1		,								
Aurora. Arden. Arden. Croydon Deer Park Dutton. Emsdale Emisance Goderich Georgelown Huntsville Lansdowne. MacCue Midland. Montague. Orangeville Princeton. Sydenham Strathroy Watford Westport Wooler. Westminster. Wiarton	0 95 1, 12 1 36 1 77 1 89 0 34 1 704 1 93 0 25 0 27 1 28 0 25 0 97 0 70 3 32 1 10 1 86 1 186 1 186	31-5338435616632386553818	56 8 6 5 12 15 5 8 5 8 5 8 5 8 5 5 5 5 5 5 5 5 5 5	0°39 0°51 0°30 0°70 0°55 0°33 1 10 0°39 0°59 0°59 0°56 0°56 0°18 0°36 0°36 0°36 0°36 0°36 0°37 0°38 0°36 0°37 0°38	16 17 27 2 3 17 16 27 2 16 17 2 30 16 16 7 16 16 17 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18				*:	Thunder 184, Thunder 2nd, S. 13, 17. Thunder 2nd, S. 13, 17. Thunder 2nd, 15. Thunder 17th, Thunder 18t, 7, 24. Thunder 18t, T, 24. Thunder 7th, 16, 24. Thunder 7th, 16, 24. Thunder 2nd, Thunder 7th, Thunder 18t Thunder 7th, Thunder 7th, Thunder 7th, Thunder 7th, Thunder 18t, Thunder 18t, Thunder 18t, Thunder 18t,		
NEW BRUNSWICK— Point Eseuminae	6:06	12	16	3:11	25					Thunder 13th, 18.		

PROPORTION OF BRIGHT SUNSHINE REGISTERED IN FACIL HOUR OF THE DAY DURING WHICH THE SI'N WAS ABOVE THE HORIZON IN THE MONTH OF AUGUST, 1997.

	Hot as Padas															
STATIONS	, it. iii.	ea m	: : : : : : : : : : : : : : : : : : :	= -	на и.	E a Bi	11 % 111	- 00/	1 1		3 1 E	1 p. m.	. h. m.	e produce to the prod		
A contraction		14 (41)	$\{(-\tfrac{2}{m})$	tt al.	0.57	0.6%	0.71	0.70	0.150	0.72	0.61	(1-(2)	0.61	11 [1]	0.01	
Nan sitno		0.16	1) 111	() 57	0.65	0.60	0.72	() (1)	0.59	0.58	11-112	0.62	0.61	0.58	0.17	
Agnasiz		0.00	31 (16)	0.25	0.12	11 1/2	0 41	0.49	0.46	0 5	13	( 17	0.39	0.16	11 (3	
Kambops		0.11	0.45	() , (6	0.41	th Go	11  5%	0.61	0.63	1,1	0.59	0.43	0.41	0.33	0.07	
Satomis					-1						1					
Calgary		0.21	0.11	0.50	0.58	0.61	1) 65	0.62	11 6.7	0.60	17, 11	0.21	0.33	() 1"	0-11	
Metheine Ha																
Edmonton		11-20	0.52	11.52	0.57	0.5%	0.69	0.62	0.52	0.77	0.58	0.91	B 60	( 50	0.16	
Battleford											. 1					
Indian Head		0.155	0.32	0.63	0.65	0.68	0.06	0.66	0.60	0.60	0.61	0.58	0.57	0.14	0.05	
Brindon		0.4	0.185	0.31	0.56	0.60	0.50	35	0.61	(1-66)	(-63)	() (ps	() (2)	(F.55)	0.11	
Winnipeg		0.14	0132	0.45	0.40	0.49	0.53	0.51	0155	0.66	0.65	IT 62	0.54	0.42	0.11	
Woodstock		0.01	11 13	0.69	0.63	0.7	0.85	11 4)	0.33	0.85	0.76	0.75	0 .2	0.56	0.00	
Toronto.		11-00	0038	0.77	0.79	0 7	0179	0150	11.79	0.78	0.71	0.66	(1 f)*	0.18	0.00	
Lindsay.		0.11	0.15	() 5()	0.61	() (()	(). Q.,	0.61	0.01	0.22	(1-6)	0.45	():50	0.56	0.36	
Berrie		0.11	0.45	0.63	0.65	0.40	0.21	0.73	0.92	0.00	0.78	0.71	0.61	0.17	0.05	
Gravenhurst.	0.01	0.551	0.53	0160	0.76	0.80	0.77	0:71	0.20	0.25	0161	0.40	0.19	0.01	0.00	
Hailey bury		0.11	0.39	0155	0.00	0158	0157	0.62	0157	0.66	0.28	0.17	0.48	0.45	0.53 0.00	
Kingston		0.26	0.66	0.72	0.75	0.75	0.48	0.79	() 75	0.71	() {}	0.61	0.55	0.45	(11)(6)	
Ottawa		0.08	0.50	0.53	0.57	0.61	0.69	0.6%	0.23	0.23	0.75	(), in	0.70	0.50	0.01	
Montreal .		0.01	0.31	0.58	0.63	0.63	0.66	0.6]	0.55	0.56	0153	0.48	0.33	0.04	0.00	
Sherbrooke		0.15	0.43	0.57	0.57	0.65	0.66	11.62	0.75	0.65	() (50)	0.52	4) [1]	0.30	0.11	
Quebec		0.03	0.58	0.50	0.57	0.59	0.50	0.50	0.15	0.46	0.35	0.31	0.33	0.31	0.05	
Fredericton		0.04	0129	0.41	():50	0.59	0.67	0.62	(11.771)	0.15	0.60	0.20	0:46	0.39	0.14	
Churlottetown,		0°15	0.36	0.40	0.17	0.59	0.83	11165	0.66	0.63	0.68	0.62	0.01	0.46	0.13	
	-			-												-

																				•					_
_	Victoria.	Nanaimo.	Agussiz	Kamloops	Savonas	Calgary	Medicine Hat	Edmonton.	Battleford.		Pertendicorn,	Winnipeg.	Woodstock.	Toronto.	Limbaly.	, ) , , , , , , , , , , , , , , , , , ,	Gravenhur t.	Ratheybury.	Kingston.	Ottnwa.	Montreal.	Sherbrooke.	Quebec.	Fredericton	Charlottetwr
Mean propor- tion for month Constant sun- shine being t	0.50	01.531	0:33	0-16		0 17		0 18		0.47	0146	0.45	0.05	010)	0.52	01.22	o: [8	0 19	n 61	0.56	n 18	n 51 i	38 (	11484	1150
Difference from average		 (1 (15)	(1-1)(1							(-02	(I TIS	0.12	() () <sub>f</sub>	=() (P <sub>a</sub> )	0.02	0.18			0105	11-113	11-161				
Maximum daily amount.	0.54	0131	0.28	1 55		0:94		0.89		15 541	0.83	():×9	(F.ST	0.81	0197	() 50	11 77	0.94	0:91	(1 %%	0.81	0 551	1851	1531	1 114
Date .	30	31	20	23		21		20		21	21	21	26	25	9.2	11	9	12	0.18	× 18	12m	11	15	15	
No.ofdays.com- pletely clouded		- 11	10	3		6		ā		4	1	1	3	1	- 1	1	1	- 11	- (1	0	2	1	1	1,	

Aurora recorded :-

Where the class of aurora is noted by the observer, it is given, (I) being the hrightest, (IV) the freblest in brilliancy.

- 1. Sion, Waitefield IV, Foxleigh, Brownhill II, St. Albans IV.
- 2. Waitefield III. Gray Hill III, Hillsdown III, Foxleigh, Brownhill IV, Chaplin IV, Meota III.
- 3. Kneehill, Estevan, Kenora IV.
- 4. Chaplin IV.
- 6. Gray Hill IV, St. Albans II.
- 7. Haliburton.
- 8. Kenora II.
- 12. Brownhill IV.
- 15. St. Albans IV.
- 18. St. Albans IV.
- 19. Bruederheim, St. Albans IV.
- 20. Waitefield II, Gray Hill II, Hillsdown IV, Foxleigh, Chaplin IV, Meota II, St. Albans I, Kenora IV, Shawenegan Falls II.
  - 26. Meota, I.
  - 29. Bala.
- 30. Bruederheim, Sion, Waitefield II, Gray Hill III, Hillsdown IV, Estevan II, Shawenegan Falls IV.
  - 31. Sion, Waitefield III, Gray Hill IV, Waseca, Foxleigh, Meota IV.

Thunder recorded on:

- 1. Westminster, Georgetown, Emsdale, Aurora, Rossland, Princeton, B. C., Summerland, Quesnel, Nicola, Port Dover, Hamilton, Brantford, Birnam, Sutton West, Owen Sound, Meaford Lucknow, Cockburn Island, Bruce Mines, Brome, Chicoutimi, Paspebiac.
- 2. Coutts, Leavings, Okotoks, Georgetown, Midland, Deer Park, Salmon Arm. Rossland, Quesnel, Tobacco Plains, Nicola, Pekisko, Brantford, Birnam, Peterboro, Otonabee, Madoc, Sutton West, Owen Sound, Brome.
- 3. Okotoks, Waitefield, Salmon Arm, Nicola, Golden, Big Creek, Crawford Bay, Pekisko, Gray Hill, Alix, Kneehill, Macleod, Gatesgarth, Chaplin, Brantford, Clarke City.
- 4. Rapid City, Ennismore, Quesnel, Red Willow, Gray Hill, Humboldt, Alameda, Almasippi, Morden, Oakbank.
- 5. Jumping Pound, Leavings, Okotoks, Elm How, Norquay, Big Creek, Red Willow, Bon Accord, High River, Gatesgarth, Almasippi, Oakbank, Paris, Birnam, Cockburn Island, Bruce Mines, Kenora.
  - 6. Norquay, Bon Accord, Lake Talon, Bruce Mines.
- 7. Bruederheim, Wooler, Lansdowne, Emsdale. Croydon, Westport, Huntsville, Waitefield, Big Creek, Pakau, Bon Accord, Chaplin, Peterboro, Otonabee, North Bruce, Madoc, Haliburton, Port Hope, B atrice, Uplands, Sutton West, Bala, Copper Cliff, Brome, Chicoutimi, Shawenegan Falls.
- 8. Last Mountain, Elm How, Norquay, Big Creek, Indian Head, Gatesgarth, Estevan, Chaplin, Almasippi, Morden, Oakbank, St. Albans, Clarke City, Wolfville, Windsor, N.S.
- 9. Kinball, Norquay, Rapid City, Rossland, Princeton, B.C., Alberni, Foxleigh, Alameda, Gatesgarth, Chaplin, Oakdale Park.
- 10. Kimball, Leavings, Okotoks, Gretna, Rapid City, Salmon Arm. Rossland, Tobacco Plains, Gray Hill, High River, Foxleigh, Estevan, Almasippi, Carberry, Oakbank, St. Albans, Kenora.
- 11. Jumping Pound, Bruederheim, Leavings, Okotoks, Norquay, Salmon Arm, Tobacco Plains, Pakan, Gray Hill, High River, Almasippi, Owen Sound, Bruce Mines, Point Lepreaux.
  - 12. Waitefield, Pakan, Foxleigh, Madoc, Brome, Chicoutimi, Clarke City, Summerside, St. Stephen.
- 13. Bruederheim, Rapid City, Point Escuminac, Foxleigh, Carberry, Oakdale Park, Summerside, Sussex, Channel.
- 14. Bruederheim, Okotoks, Gretna, Norquay, Waitefield, Pakan, Red Willow, High River, Chaplin, Meota, Almasippi, Carberry, Morden, Wolfville. Windsor, N.S.
- 15. Last Mountain, Norquay, Deer Park, Bon Accord, Foxleigh. Meota, Almasippi, Carberry, Birman, Cockburn Island, Bruce Mines, Kenora.
- 16. Georgetown, Strathroy, Huntsville, Foxleigh, Chaplin, Brantford, Madoc, Point Clark, Owen Sound, Lucknow.

- 17. Dutton, Rossland, Foxleigh, Sutton West, Chicoutimi, St. Stephen.
- 18. Point Escumitac.
- 19. Red Willow, Bon Accord, Gray Hill, Hillsdown.
- 20. Quesnel, Big Creek.
- 22. Pakan, Meota, Almasippi, Oakbank.
- 23. Nicola, Clontarf, Cockburn, Bruce Mines.
- 24. Leavings, Emsdale, Huntsville, Salmon Arm, Rossland, Princton, B.C., Nicola, Big Creek, Hedley, Pekisko, Otonabee, Madoc, Haliburton, Beatrice, Uplands, Lake Talon, Bala, Copper Cliff, Shawenegan Falls.
  - 25. Somas River, Norquey, Alberni, Pakan, St. Albans, Windsor, N.S.
  - 26. Rapid City, Almusippi, Cape Magdalen, Wolfville, E. Pt. Sable Island.
  - 28. Brome
  - 29. Rossland, Princeton, B.C., Summerland, Quesnel, Foxleigh,
  - 30. Rapid City, Foxleigh, Alameda, Estevan, Chaplin, Almasippi, Carberry, St. Albans.
  - 31. Norquay, Chaplin, Oakbank.

#### FORECASTS FOR AUGUST, 1907.

The forecasts issued by this office at 11 p.m. each night, are posted up at every telegraph station in Canada, and are for the 24 hours beginning at 8 a.m. the following day.

The number of predictions issued during the month was 1396. These were divided as follows:-

		\ <u>'</u>		VERI	FIED.	
•	District.	No. Issued.	No.	No.	No.	Per-
			Fully	Partly	Not	centage.
Alberta		15	61	22	5	81.8
Saskatchewan		May 1	67	17	3	983 R
Manitoba		Cap	73	10	7	96 T
Lake Superior		132	99	30	3	86.4
Lower Lake Region		138	110	25	3	8 22
Georgian Bay		1.88	112	25	1	90.2
Ottawa Valley,		115	97	15	3	30.3
Upper St. Lawrence		115	95	17	3	(8) 1)
Lower St. Lawrence		117	501	23	6	85.5
Gulf.		118	(9)	18	1	89 0
Maritime Provinces, West		129	1172	23	- 1	88.0
Maritime Provinces, East.		1.29	98	25	3	45 4
Total		13831	1.46	252	lá	47.7

In order to obtain the percentage of verification of the predictions, the number partly verified is divided by two and added to the number fully verified, and the result divided by the total number issued.

In ascertaining to what extent the predictions have been verified, the reports from the agents at all observing stations, as well as the telegraphic reports, are used.

R. F. STUPART,

Director.

Meteorological Office, Toronto, 18th October, 1907.

### DEPARTMENT OF MARINE AND FISHERIES, CANADA.

METEOROLOGICAL SERVICE.

# Monthly Theathen Review.

VOL. XXXI.

SEPTEMBER, 1907.

No. 9.

INTRODUCTION

In compiling the present Review the principal data made use of are the telegraphic reports of observations received at this office for the purpose of weather forceasting, and reports by mail from voluntary observers and storm signal agents. For the material used in tracing the paths of areas of high and low pressure in the United States, we are indebted to the Chief of the Weather Bureau, Washington, D.C.

#### REMARKS UPON THE WEATHER.

The weather on the Islands and lower mainland of British Columbia was somewhat warmer than usual. High temperatures continued up to the 11th when the weather turned cooler and continued so almost to the end of the month, a warmer period from the 21st to 25th only intervening. Dry weather occurred on Vancouver Island, also in some districts in other portions of the province. The chief wet periods were the 2nd to 6th, 11th, 12th, 15th to 17th, 27th and 30th. Much bright sunshine was recorded during the first two weeks, also from the 20th to 24th, but the proportion for the month was a little less than the average. On the upper mainland the weather was warmer than usual excepting in a few places in the district of Cariboo where it was slightly cooler. Quite warm weather was recorded during the first eight or nine days, also from the 21st to 26th. The proportion of bright sunshine slightly exceeded the average and there was much fine weather from the 6th to 13th, also after the 19th. At Rossland snow was recorded on the 12th.

In the Province of Alberta the weather was quite cool in the southern and eastern portions, but elsewhere the mean temperature at most places was either average or slightly above. In most localities after the 9th frosts were frequent and 11° was recorded at High River on the 13th. Such low temperatures occurring at night were generally followed by mild days. Fine bright weather was frequent during the first nine days, also from the 17th to 30th. The precipitation which included some snow on or about the 11th and which was excessive in the aggregate occurred chiefly on or about the 2nd, 5th, occasionally from the 10th to 18th and on the 27th. On the 30th many plants were still in bloom.

In Saskatchewan the weather was unusually cool, the temperature after the 6th seldom exceeding 65 and frosts at night occurring occasionally. Much bright sunshine was recorded throughout the greater portion of the month and the precipitation which was light in most districts, was recorded generally on or about the 8th, 11th to 13th, 17th, 22nd and 28th.

The weather in Manitoba was quite cool and although the temperature after the 6th occasionally rose above 60 it was mostly below this, and frosts at night were frequent after the 20th. The pricipitation which was recorded chiefly on or about the 7th, 12th, 13th, 23rd and 27th was unusually light. Much fine weather occurred between the 1st and 10th, 14th and 21st and 24th and 30th, the proportion of bright sunshine being somewhat above the average.

The weather in the Peninsula of Outario was slightly warmer than usual, whilst elsewhere the mean temperature was somewhat below the average. On or about the 23rd there was a marked fall in the temperature and the weather continued cool to the end of the month, frosts being recorded occasionally at some places during this period. With a few quite local exceptions the rainfall was excessive, the chief falls recorded occurring on or about the 1st, 4th to 6th, 10th, 11th, 17th to 20th. 24th, 25th and occasionally from the 27th to 30th. Some fine weather occurred during the month, but the proportion of bright sunshine was much below the average. The condition of vegetation on the 30th was normal.

In the Pack to 2. Quelier the weather was somewhat cooler than usual and after the 17th quite cool wester pack to 2. On the last three or four days of the mouth frosts were recorded at many places. In most discuss the precipitation exceeded the average, and rain was frequent in the eastern pack of a control of the 9th, 12th to 18th, 21st and 24th to 26th. In western countrol the chieff verpering were the 3cl to 7th, 10th to 12th, 16th, 17th, 21st, 24th and 30th. Dull weather prevailed and the proportion of Fright sunshing was below the average.

In New Brunswick the mean temperature did not depart much from the normal, but the weather was slightly cooler than usual and frosts were recorded at many places on or about the 19th and 29th, Dull unsettled weather was general during the first twelve days, after which much liner weather prevailed. The dates of precipitation were 1th to 6th, 8th, 9th, 11th, 16th, 17th–21st, 24th, 26th and 30th, these dates agreeing at most stations. The total fall was considerably in excess of the average. Thunderstorms were reported on the 6th and 17th and gales on the 24th and 29th, the latter gale being heavy in the Bay of Fundy. On the 30th vegetation was still quite green and showed no sign of withering.

The weather in Nova Scoti was somewhat cool at most places, but at Sydney and Truro on the contrary the mean temperature was slightly above the average. Quite high temperatures occured on the 13th and 16th and they were quite low on the last two days, but with these exceptions there were very few marked changes during the month. In southern districts the weather was finer than in the northern portion where it was somewhat dull. Precipitation occurred chiefly about the 1st to 9th. 17th, 22nd to 26th and 30th. Gales were recorded on the 25th and 30th.

In Prince Edward Island the weather did not depart much from the normal excepting in the amount of the precipitation which was quite excessive. The falls recorded occurred at Charlottetown on fourteen days and the dates elsewhere, which varied with the district, showed a similar frequency. Thunderstorms were reported on the 6th and 27th. The condition of vegetation was normal. F. F. PANNE.

#### ATMOSPHERIC PRESSURE.

The mean atmospheric pressure for September exceeded the average west of Lake Superior, also in the Gaspe Peninsula and in Cape Breton, whilst elsewhere in Canada a subnormal value was registered. The range of departure from normal was 0.18 of an inch, the extremes being 0.10 of an inch at Calgary. Alta, and 0.08 of an inch at Toronto, Out.

#### HIGH AREAS.

Eight areas of high barometric pressure were charted during September, the majority pursuing a southeasterly path from the Yukon to the Middle Atlantic States. Few of the systems were very pronounced in character, but most of them were accompanied by cool weather, more particularly throughout Western Provinces.

#### LOW AREAS.

Nine cyclonic systems were charted during September, and all passed out of the field of observation north of the 40th parallel. These areas of low barometric pressure were first observed between the North Pacific States and the Yukon Territory and the general course pursued was in a southeasterly and easterly direction to the Gulf of St. Lawrence. As a general rule the areas increased rapidly in energy as they progressed castward, and were accompanied by gales.

During the latter half of the month when the majority of the areas were passing in quick succession over Eastern Canada the weather was very stormy in the Gulf of St. Lawrence.

#### WINDS.

In British Columbia, on Vancouver Island and over the mainland the direction was largely variable favouring somewhat the south and west. There were four days with strong and eight with fresh breezes.

In Alberta and Saskatchewan, the direction was variable with ten days with strong and nine with fresh breezes.

In Manitoba the north and west directions were most in evidence with seven days with strong and ten with fresh breezes and one gale.

In the Lake Region the south and west directions were the most general although the north and east were well marked. There were four days with strong and eleven with fresh breezes and four gales, the latter occurring between the 41th and 12th, on the 20th and 24th and the 28th.

In the Ottawa and Upper St. Lawrence Valleys the direction was variable, being very evenly distributed between all quarters. There were seven days with strong and ten with fresh breezes and one gale.

In the Lower St. Lawrence Valley and the Gulf of St. Lawrence, the direction was variable with fourteen days with strong and seven with fresh breezes and two gales, the latter occurring between the 17th and 18th and on the 25th.

In the Maritime Provinces the direction was variable with nine days with strong and eleven with fresh breezes and two gales, the latter occurring between the 24th and 25th and between the 29th and 30th.

The gales were satisfactorily warned with the exception that no warning was issued for Lakes Erie and Ontario for the storm of the 11th and 12th and a warning forwarded to River and Bay stations on the 20th, was not justified by subsequent dangerous winds.

#### TEMPERATURE.

In British Columbia, exclusive of Cariboo, the temperature was above the average by from 1 to 3 degrees. In the Peninsula of Ontario it was above the average by an equal amount, but over the large remaining portion of the Dominion a negative departure occurred, except in one or two isolated localities where the average was just maintained. The chief negative departure, amounting to 3 degrees, was experienced in Saskatchewan and Alberta, elsewhere the departure was usually from 1 to 2 degrees.

The Highest and Lowest temperatures in each Province during September, 1907, were:

British Columbia,	89° on 8th at North Nicomen,	16° on 17th at Fort St. James.
Alberta,	91° on 2nd at Medicine Hat,	1t° on 13th at High River.
Saskatchewan,	83° on 6th at Moose Jaw,	10° on 29th at Foxleigh.
Manitoba,	86° on 1st at Birtle,	12° on 27th at Carberry.
Ontario,	(89° on 21st at Point Clark, and (89° on 15th at Stony Creek.	$\sqrt{23}^{\circ}$ on 27th at Port Arthur.
Quebec,	83 on 15th at St. Anne de Bellevue.	. 25° on 28th at Chicoutimi,
New Brunswick,	( 79° on 5th at Sussex, and 77° on 15th at St. Stephen,	(29° on 19th at Sussex and St. Stephen.
Nova Seotia,	80° on 13th at Wolfville,	29° on 29th at Truro.
P. E. Island.	74° on 13th at Hamilton,	35° on 28th at Summerside.

#### PRECIPITATION.

In British Columbia at Victoria, on Vancouver Island, the rainfall was 45 per cent below the usual amount, but on the mainland it was above the average, the excess varying from 3 per cent in Cariboo to 100 per cent in more southern districts. In the Western Provinces Calgary recorded an excess of precipitation of over 100 per cent, but all other localities gave a deficiency ranging from 8 per cent at Batt'eford to 47 per cent at Swift Current, and 67 per cent at Winnipeg. In Ontario, at Parry Sound, the rainfall was 29 per cent less than the usual amount, and at Southampton it was the average, but all other localities recorded a positive departure, which in several districts was as much as from 60 to 80 per cent. In Quebec the rainfall was above the average and nearly everywhere by about 25 per cent. In the Maritime Provinces Sydney recorded a deficiency of 35 per cent, whilst elsewhere there was a positive departure, the chief departures being St. John, 41 per cent, Chatham, 48 per cent, and Fredericton 59 per cent.

#### BRIGHT SUNSHINE.

From Ontario to the Maritime Provinces the hours of bright sunshine recorded were less than average, the deficiency ranging from 17 to 21 per cent of the possible. From Manitoba westward sunshine was on the contrary a little in excess of the average, except near the coast where it was about equal to the average.

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, SIFTLMBLR, 1907.

a Barometer not reduced to Sea Level. \* Stations not furnished with Registering Thermometers.

		-37		0 :	-	٥		0 -	-		-0.	71		siste .		m - m		-00	-00
				5721	- 4	5 1	Alegan	5.4	1							12121 12121	12	1 E E	지도표
		0.1 = 1 = 1 = 4		1-1	1	(	1-1- = 1-	3.7	-	÷	. / to :	= = / .	T. 1 -	22/	1/2/	122	1-=	2=1	922
I		1 - 1 - H		100	= =	=	1484	- 11	11 57	5 - 2	-==	495) -50)	-		100 mm	-=-	1 2	TEE	181
	H	the state of the		E4			= 1		21		1 1 15			z -	0 -		-	-	
	l'i se mer			la a	4	<del>1</del> 1	4685 -000	2.2	$\Sigma_{k}^{-}$			283				425 	7 £.	525	757 575
	=	1.100 ) 7		7125	=	275	- 1,1-		-										- '-
	Ξ	treation t																	
	TTV (	16(15:0) 17																	
ı	VIII MIND.	of tab benfa H																	
		Mean miles																	
		Total number or observations			-		6	ē		ā		Ē	ē	ā	3			8.8	- 5
ı		C.					21	_		73		2	=	T	3			7.22	E
	F ROM	.W.Y.			-		-	2		=		71	20	9	-	-		-1	~
		11.			T4		umb umb	=======================================		-		-	_	71	-	7		# T8 T4	21
	WIND.	'AV'S			=		<u>_</u>	50		_			_	1-	-	-		22	-
	FO >	'8			£1		= =	9		0			71	12		;		= "	÷.
	OLL	3.8			71		=	=				1 ~	71	=				==	01
	DIRECTION	E			=		2	=				_	_	=				1.5.	©1
K		N.E.			21		21	24		~ ~		21						— 01 — 01	-
		'X'			1					_		. '		Ē					
	Sletely.	No. of days comp			15								,	15		c .		1-0	95
		Mean amount of cloud.												-				10.0	
		Mean relative																	
ı	10 91	Mean temperatu dewpoint.																	
		Mean daily range.		元の	1.61	5	3525 3545	日長	12.15	3151E	LE	285 285	=	중도당	315.E	en-a luga	23	255 255	X X 31
		I)ate.		E 21	÷	17	11000	W.P.	77	2122	二朝	mmi	7	필드의	HPM:	-225	==	221	522
		Lowest		37.5	0 17	0.60	5 5 6 6 8 8 8 8	= = E.M.	9.58	282 20x		222		105 888		5 전 전 전 4 경 또 중	55 55	22E	858
	CEE			5.7	21		7 m 2 m	75 y	æ_	31 X 31	5.79	7. <b>5.</b> 7.		mois —	Eno:	( # X # T	₹. <del>.</del>	āāv -	00 21 22
	MPERATURE	Date.		e =	2	. =	5555	m =	=		2 2 2		21	-1.0.2	===		1 1 1	1-1-01	
	EMI	Highest		三克	201	$\overline{\mathbf{z}}$	97.90	122	17	25 g	71:E	2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	75 -	265	20/E1	inaiz.	25	977 -En	222
	-	from average.		375 13 179 18	ď		=	21 21	m =	1-	1 21		_		21 1	24 - 25 24   <del></del>	21	2 0 1 2 2 2 3	
		Difference	l	-1-	J.	_	W C 2121	ma	= =	11	90 to	-m=	t -	200	y <del> 2.</del>	- 5 = 1 - +-	- 25		=-=/
		Меан.		25.2		<del>-</del> <del>-</del> = :	2888 2000 2000 2000 2000 2000 2000 2000	88	5	五月至	7.5	498 498	55	223	188 H	3万里语	経済	AKE.	=22=
		Range.		i i	2		13					8 0 00	68.0.61	₹ =		Ž.		22	<u>/</u>
	RE	Lowest		i	20 03 30 17 20 50 05		30 03 30 31 20 61 0 52					18 B	2 2	0 70 47 11 48 10 48				St of St 23, St of St St of St 31, 23, G5 of 65	21 21
	PRESSURE.	деоцијП			112	-	Ħ					71	S 03 S 52 55			11		## F	12
	4	Mean reduced.		111.	2		25			. Ξ		등 중 ·	ž 25	7		÷ =		88	# SS
						7 7 7		2 2	7	Series Series	- 45				- 2 40	5 = 5 15 A	1-		- B
	1192	Flexation above		34.6		<b>三三</b>						23	178			프립크	7 9 E		1 130 20 1200 30 03 30 15 22 13 1 th
		Longitude W.		25	22	51 (S. 2) 51 (S. 2)	55246 65256	185						ranaka Nebala	312	88578 66666	200	1 555	5 E
		'y' appartuer		2=	51S	21210	RESEE	27.5	21-	1995	894	251	四前層	RESERVE	B =	8 6 27 27 23	45-3	원대문	
		Latitude X.		E E.	38	2008	Z = 9.8.8	282	2.7	RER.	经正路	232	222	124227	_ 25 to 1	58566 9.	223	MES.	2.5
																Jame			
		ż		-										ini.		ort St.			
		81 A TI O N		- N				. =	gast.		:	Se THE	nins	Miss m	: -	THE KILL	三言	rhor	. 37
		< □		5	tal.		ESPEC	South The Party of	Will.		1	E-17	Vest	Find Sales	Ton He.	STATE OF THE STATE	orthan to the	alen iii. r Ha	Hor
		D		MRTISH COLUMBIA Alberni Agassiz	Min	Sarker Selfa Ci Salfien	Big Creek Coldstream Chilliwack Chilliwack	ranbrook . hpc Scott row ford the	Jarry Point	Golden Hedley Kamloops	Kitannat Ladner Massett	unii unii unii unii	New Westm Nelson Niekol Plate	Menagan Mission Princedon Plot Bay.	Penticton Quesnelle, Revelstok	Rossland Stant's Lake (Fort St. James) Salmon Arm Subnon Arm	Summerland Tolawee Plains	Tronhalem Victoria. Vancouver.	Carcross Imwsen White Horse
				= 7.7	-,-:	222	22355	555	265	:5=¥	7.3Z	Systematics Nicola Take North Nicolicii.	7.7.7	.53555	Quesnelle, Revelstoke.	ZZĪ.ĀĀ.	Z.Z.E.	ニンンゴ	ECES

	= = =	30- 00				
— потите поског бросина	21	22- 00	0 000000000000000000000000000000000000	20 20- 2		
52828 847288 5882223		com mi	m perment	:	-5 - 100000	<b>≠</b> =5
<u> </u>		552 55 7-2 92	4 58851332 4 58 5488	_ 목자 성원을 1 - 1013 1913 - 10	53 T3 353 54 50 -54	- N - S
\$5788 BREZN& FARSCE		전문학 점점·	m #659822	84 EPE 4	원부 경우 원주병	.트립팅
		2 2-	5 RS 5	5 . 5 5		93
# #	÷	- H		= = =		-651
Review   Resided   Redict   Review	第二世級 日	22 E22	3 48855	1.38 RE2 3	48 EN 51EN	284
	- 2172 TI	=:1		2		=
					200	
	<u> </u>			<del></del>		
					<del>-</del>	
		. 1 1 1 1			PM	
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2	8 8		58 89 5	8	n ô
<u> </u>	. a .	. 21 21	== 0 2 30 2	N= 1:08 =	§ a	77 77
2) - 2 : 12 : 12 : 1 : 1 : 2 ×	· z	<u>i=</u> %	-   ×   <u>mu</u> g	-21 1-4 =	1- 2	5,23
######################################	: ' <u>: 1</u>	t=	2 2 2 2	=		12 01
2 to 1 to 1 to 1 to 2 to 2 to 2 to 2 to	21	25	n Zz			
			- : - :			20
		= :-		2- 8	in a contract of	=-
= (F) 24 (G) (F)	3	1 m : 22		शन शन ७	51	~ ?)
		1/3   21			m : (1)	1-77
		23	1 20 to 10th = 1	em mer te	in the great	um T
<u> </u>	a		- n - on o	· 800 · 140 · 14	o. 1 1 − 3 − 1 − 1	2200
	-					-
					23	
						***
a-xi-a sidica-a ax aaax		ာတ္ကား လာက			The state of the s	1-22-
	99_5 <u>_</u> 5	विद्या विद्या	្នុត គង់គង់គង់គ	32 SER R	as a sa sas :	2315
	24 8	288 88 <u>1</u>	្តែតែ នៃតិតិតិតិតិនិន័	<u>ातिल तीवति तै</u>	្នៃនិត្ត ខ្លួន ខ្លួន និត្ត និត្ត	14191919
					20 2 200000	1000
		888 = 5	n mensasa			크림플립
		-Bs Fs;	30 1000 m 1000 m	्रकार श्रीभव क	· OF THE CONTRACT :	in i-i-u
						2525 2525
ETRES SERVES RESUSES	5 5 5 A	25 198	अनुक्राधायम् ।	म भाग है ज	78 t 887278	RESE
##### ################################	25 25	256 35	Name of the second	म भाग है ज	20 0 000000 20 10 6823372 5x - 105511-11	SEES SEES
- 1 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	25 2 3	288 288 199 199 1	E Cartesta	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	78 to 8872978 38 to 8872978 38 to 8873978 30 to 8	255 255 255 255 255 255 255 255 255 255
##### ################################	25 2 3	256 35	Name of the second	म भाग है ज	78 to 8872978 38 to 8872978 38 to 8873978 30 to 8	SEES SEES
	25 2 3	66 9 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	E Cartesta	### ##################################	7.0 10 10 10 10 10 10 10 10 10 10 10 10 10	244 244 25 25 25 25 25 25 25 25 25 25 25 25 25
	25 2 3	66 9 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	E Cartesta	### ##################################	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	244 244 25 25 25 25 25 25 25 25 25 25 25 25 25
	25 2 3	66 9 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	E Cartesta	### ##################################	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	244 244 25 25 25 25 25 25 25 25 25 25 25 25 25
	25 2 3	66 9 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	E Cartesta	### ##################################	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	244 244 25 25 25 25 25 25 25 25 25 25 25 25 25
	25 2 3	66 9 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	E Cartesta	### ##################################	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	244 244 25 25 25 25 25 25 25 25 25 25 25 25 25
	25 2 3	51.5 5 7.5 5	# 78877787 # 78877787 # 78877787 # 78877787 # 18877787	### ##################################	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	244 244 25 25 25 25 25 25 25 25 25 25 25 25 25
30,0130 tg gars8 q 81 47 0 47 1 1 27 3 4 4 1 1 1 1 27 3 4 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	72.50 00 12 19	89 SS 30 T1 20 36 T1 75 T1 75 T2 73	### ##################################	16.6 8.707 1.80 8.707 1.80 1.80 1.80 1.80 1.80 1.80 1.80 1.80	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	244 244 25 25 25 25 25 25 25 25 25 25 25 25 25
1650  1512  30,01.30,01.30 12,21.58 0.81  1513  2513	22.19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1882   1882   1884   1885	1200 1200 1200 1200 1200 1200 1200 1200	1715 1715 1716 1717 1717 1717 1717 1717	176 30 - 65 20	15 10 10 25 25 20 20 10 10 25 77 25 10 25 77 25 10 25 77 25 10 25 77 25 10 25 77 25 10 25 77 25 10 25 77 25 10 25
1650     1650	22 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	25 218-1	1200 1200 1200 1200 1200 1200 1200 1200	1715 1715 1716 1717 1717 1717 1717 1717	176 30 - 65 20	11. 11. 12. 13. 13. 13. 13. 13. 13. 13. 13. 13. 13
1650     1650	22 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	25 218-1	1200 1200 1200 1200 1200 1200 1200 1200	1715 1715 1716 1717 1717 1717 1717 1717	176 30 - 65 20	11
10 115 31 1650	15 113 St 2000 26 111 11 11 11 11 15 15 15 15 15 15 15 15	11 35 12 12 12 12 12 12 12 12 12 12 12 12 12	20 12306 20 12307 20 12307 21 1230 21 1230 22 1230 23 1230 24 1230 25 12 1230 26 1230 27 12 12 12 12 12 12 12 12 12 12 12 12 12	1715 1715 1716 1717 1717 1717 1717 1717	25 107 to 2182 30 108 30 11 10 10 10 10 10 10 10 10 10 10 10 10	10.25 77. 10.30 10.00 30.00 30.20 1.00 17.7 3.02 77. 10.50 10.00 30.00 30.20 1.00 17.7 3.02 77. 10.50 10.00 30.00 30.20 30.1.00 17.7 3.02 77.
10 115 31 1650	18 113 28 2000 18 113 28 2530 19 113 31 19 113 31 1	28 H 28 24 24 80 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	26 For 30 2516 26 For 30 2516 27 For 30 2516 28 For 30 2516 28 For 30 2516 29 For 30 2516 20 For	13   102   2   2004   115	25 107 to 2182 30 108 30 11 10 10 10 10 10 10 10 10 10 10 10 10	53.55.71 15.40.50 (38.6) (38.6) (38.6) (39.1) (38.7) (38.6) (38.
10   10   10   10   10   10   10   10	18 113 28 2000 18 113 28 2530 19 113 31 19 113 31 1	28 H 28 24 24 80 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	26 For 30 2516 26 For 30 2516 27 For 30 2516 28 For 30 2516 28 For 30 2516 29 For 30 2516 20 For	13   102   2   2004   115	25 107 to 2182 30 108 30 11 10 10 10 10 10 10 10 10 10 10 10 10	53.55.71 15.40.50 (38.6) (38.6) (38.6) (39.1) (38.7) (38.6) (38.
10   10   10   10   10   10   10   10	20 25 H3 58 25 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 38 113 25 21 84 25 25 25 25 25 25 25 25 25 25 25 25 25	20 20 10 20 20 16 30 20 16 30 20 20 20 20 20 20 20 20 20 20 20 20 20	10   13   102   2   2044   10   10   10   10   10   10   10	25 12 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	53.55.71 15.40.50 (38.6) (38.6) (38.6) (39.1) (38.7) (38.6) (38.
Andring 54 43 H3 17 1850  51 10 H5 31 612 30.01 30 42 21 58 6 31 40 8 H 77 1 17 17 17 17 17 17 17 17 17 17 17 1	10 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	25 2 3 113 25 2 15 3 1 2 3 2 3 3 4 3	20 20 10 20 20 16 30 20 16 30 20 20 20 20 20 20 20 20 20 20 20 20 20	10   13   102   2   2044   10   10   10   10   10   10   10	24 Sept. 10 2 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	19 at 85 H 19 at 10 at
Annufung 54 45,113 17 1650   17 1650	10 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	25 2 3 113 25 2 15 3 1 2 3 2 3 3 4 3	20 20 10 20 20 16 30 20 16 30 20 20 20 20 20 20 20 20 20 20 20 20 20	10   13   102   2   2044   10   10   10   10   10   10   10	Prent St. 2015; L. 2163 30 H 20-58 0.65 at 1 20-12/30 at 1	19 at 85 H 19 at 10 at
Annufung 54 45,113 17 1650   17 1650	10 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	25 2 3 113 25 2 15 3 1 2 3 2 3 3 1 3 3 2 3 3 3 4 3 3 3 1 3 3 3 3 4 3 3 3 1 3 3 3 3	20 20 10 20 20 16 30 20 16 30 20 20 20 20 20 20 20 20 20 20 20 20 20	10   13   102   2   2044   10   10   10   10   10   10   10	Prent St. 2015; L. 2163 30 H 20-58 0.65 at 1 20-12/30 at 1	19 at 85 H 19 at 10 at
54 13 11 1650 52 20 113 17 1650 53 20 113 17 2876 54 20 113 17 2876 55 20 113 17 2876 56 20 113 17 2876 57 20 113 27 2876 58 20 11 2876 59 20 11 20 11 20 20 20 21 0 73 21 21 21 21 21 21 21 21 21 21 21 21 21	10 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	25 38 113 25 21 84 25 25 25 25 25 25 25 25 25 25 25 25 25	26 For 30 2516 26 For 30 2516 27 For 30 2516 28 For 30 2516 28 For 30 2516 29 For 30 2516 20 For	w.         ab 2 grid           w.         ab 2 H ti 5 5 175           w.         ab 1 H ti 5 7 185           w.         ab 1 H ti 5 7 185           d.         ab 1 H ti 5 8 185           d.         ab 1 H ti 5 8 18 18 18 18 18 1 1 1 1 1 1 1 1 1 1	24 Sept. 10 2 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	53.55.71 15.40.50 (38.6) (38.6) (38.6) (39.1) (38.7) (38.6) (38.

6315

2-1

......

1004

0.0000

22112-

25 88 85 24

V. of the days.
V. of altroras.
Vo. of thunder storass.
No. of thunder storass.

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, SEPTEMBER, 1907.

	3 1013	10 for ditta 20 (1)	\$2.00 to to	1- 2	- 5	//=	-	====	EEC	1455	2 2	Z2482	-21-7-2	711527514
	3	Heave till	#555	51-	545	255	13	V=77	388	最重ねは	2 2	Esyrat	ARREST.	29946729
	=	17 CL 1711	产 图		ĩ		Ξ	1::	1.9.4	E458	-	RESET	PEREE	E848 98E
	Ŧ.	mori e me from	- :	-	1 2	2	=	20	111	7122-	=	79773	7100M-	
	Pidemi	fit ( it/	2%72 		38	ទី១គឺ ១៣៣	Ē	8420 mmm	HAR	2868	7-3	ENTAT:	enner enner	54458848 54458848
	â	- Date and direc-		·			11 11			× 1		# 13 33		W. S
	VELOCITY WIND.	Highest day's					Ξ	Ξ		=		1- <u>12</u>		
	VEL	Men miles per hour.						_		_		= =		gas.
		notinavasdo to	ā	=	ā	- 8	Ξ.	ā â	6.3		3.3	IRRETE	88 8	228
		.9	-	17	6.	y	0	= =	四重	=	= -	2012210	T. FT 2	21-2
Ž	FROM	Z.W.	5	5.	=	t-	-	· =	Ø. X.	3.	- =	F121-01-	=:- =	<u> </u>
with Registering Thermoneters		11.			70	18°	Ē	- 5	44.8	1-	= =	somer	31- 21	529
HILL	WIND	3.11.5		- ,	22.		1-	: H =	21%	17	5=	271523	=======================================	- a to
The same	0.16			pred T	_		55	= 4		21	- 24	으랬는데	5× 5.	omit
ing	THREGTION	HS		71	=	- 21	=	× =	2.5	00	7.71	Z m m m x	= = =	C 01~
Stor	RCT	H.	_	=		- 20	9	- :-	m S	4 <i>E</i> **		~2448±	(7) = m	21=12
(Aug.)	1113			1-	71	- 20	21	- 21	± ±	21		2-1-210		E 2121
=		N.B.		-	21			71 -	- 25				7 = 12	one
		Α,											7 = 5	
furnished	vistole	No. of days comp					74	Α.		=		31		1-
(Er		Mean amount of					qualità	1		. * **		: #		e m Mar
not		ovitalet naste. Atibiaurd												,
Stations not	10 931	Jean temperatu dewpoint.												
Stat		Mean daily	7.855 9.505			21%	1.62	5000 2002	925	5 ms 2 48	×.		-11991- 118888	910-x5-5 -
		Date.	8888			855	3	8555	報告報		_		188888	สมสัสสัสสัส
ovol.	42	J.597/0.1	10000 10000 10000			5 5 5 5 5 5 5 5 5	0.05	popn RRSR	,000 -528				HERRES HOMESE	
not reduced to Sea Lovel	TEMPERATURE	Date.	#= <u>#</u> =	====	25	2	- Fi	2225	222	==28			122822	22555222
d to	13.1	Highest.	2222	===	= -		=	-	===					20-00000
tuer	TES	Years observin	11오오리 일부으로			97.E	<u> </u>	学品デザー	222 518	2,998 EE52	27	製造器は高。 などならなり	757777 1818855	978861847 85881845
ot red		Difference from average.	, 55 -	25 (25		2 :	=	15	188	0.0	0.0	111010	000-0	Section of the sectio
a Barometer n		Мели.	2022	585	- 2 - 2 - 3 - 2	25 ;	115	2348 2-x5	25E					58888888 5888888
LFOIL		llange.	.i ;	-5	92	Ξ				<i>¥</i> 1		= 3		35
a 18:	3	Januar	o and	=======================================	83	<u> </u>				<u> </u>		- F - S		87 33 44
	l'RESSURE.	Highest		Si = 1	8	B -				8 8		8 8 8 8		88 88
	-	Mean reduced.	- : <u>.</u>	10 m 12 m 13	29 (S 30-28 29-23 1-65	28-155 30-158 20-158 1 10				1 80 62 84 94 10 10		20 18 20 22 12 12 12 12 12 12 12 12 12 12 12 12		8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
	Rea	Elevation above level, in feet,	Ę	EEE SE		25 129 129 129 129 129 129 129 129 129 129	15	12.00	1888	23 E		#628E	2222	588454858 54454858
		Longitude W.	- 1223E 25E3	1911	131-	82222	200		EZE.	2884	200	350000	25,35,22	95000008885 950099099
		.Z abutitude Z.	SEER ST.		128	84538								815874878 8158448878
			2352	BBRE	22	_ EEXX3	===	-0222	====	20005	==	======	1000000	2233777223
		8TAT10N.	Manttora Con. Oukhurk, Oakdale Park, Phystone, Porlare la Parino	Plerson aSt. Albans (Awemel., Stony Mountain Tyelosem	Virden Winnipeg.	Ontwine Copper Cliff. Kennya Port Vethur Savanur	Afton.	Sala Radrice Stare Mines	ollugwier Joekbarn Island Fryschlurst	Halleybury Listowel Larknow Lake Talon (Calvin)	Newford		Sillonia vissi Pilonia kirania Branford. Cottania.	Guelph Hamilton Janlon Janlon John Stanley Fort Bandey Port Hurwell Fore Island Puris
			K JUL	3,1								g	,	<u></u>

103

- - -

-100

-50<u>5</u>14 515155--5055

1 10

0.3

o light to

1-0m-

=

SEPTEMBER, 1907. THE DOMINION OF CANADA, STATIONS IN 7.1 WIND AND TRECIPITATION PRESSURE, TEMPERATURE,

8.91.4 Hb 200 ESEMA ESEMA SEVME 1 623 (4 14 12 21 TO 17 12 CITY IN 1 1 1 1 1 1 1 1 1 1 1 077 \*a \*r 451 (0.14) 1 - +11 - [1] 0 32 es 3448 34585 27.1 27.1 2 eath ban etter 100 FREE 1. (ai m h.)o f anoimeras-do to -533 200 --Ξ-= 0.1 - 22 WIND FROM 212 \* Stations not furnished with Registering Thermometers. 11.7 21 21 - 20 (2) 4585 migm 1.11 00 200 CRET 21 E 20 m 24 190 ₩. PHERCTION OF mori -igmm ---718 134 I m Ē "II"N 150 0000 의 경 크는 0 22 42 N So. of days completely clouded. Mean amount of Mean relative dewpoint, 29.16.1 29 15 9 23 12 3 100 Mean daily 5 Date. 1 3 31 6 00001 8888 SEE. 10.0 a llarameter not reduced to Sec Level. REFER 湿兰 J.9W65L. 21 22.0 c c ~ # M = # NEW X 1)#f6\* 0.932.72.0 n n 10.72.0 9.72.0 0.3 M 2670 0.8 M 6970 6.634.78.6 5.77.0 1.78.16.80.0 1.78.16.80.0 1.78.16.80.0 0.5 17 87.0 0.62 91 8.1 7.91.83.1.0 Jeanfaill Pifference 18 1 + 200000 民国显示 38.1 9.10 593 法法表法法 88 Mean 7. 20 60 0 79 azue.j 0.70 89.30733 20 To 1 7 23 28 JEDMO'I 30 GB PRESSI 188 जन्मा असा 06.30 (F. 51) .187 (91). Mean reduced. <u>F</u>; 171 12888 RNA9 heretion above sea 급하왕당의 8 === 医唇唇结合 888 5 Longitude W 191 SHARE 电异型表明三等特别用作四层 21 Z abmilind 古世古寺出 ntingennitain 222 Bridgetown
Halifax

"Pleton
Port Hastings
Parshoro
Sydneys...
Sable Jand, E. Point
Sable Jand, M. Statton.
Wolfville.
Widdsor
Whitehead
Varmoush "Amour Point ... Chamed "Cape Norman." Point Rich. St. John's... Charlottetown... STATION NEWFOUNDLAND P. E. ISLAND VOVA SCOTES Prospect

## PRECIPITATION AT STATIONS REPORTING RAIN, SNOW WEATHER, &c., DURING SEPTEMBER, 1907.

NO. 4 TH. L. N.		11 A I	N F A	LL			1107	FALL			
STATION.	Amount in inche	Drevs, '01.	Fair	Heave t Fall in Month	Date	Amound in inches		Hervies Is II a March	(1.)	RUMARKS:	
British Columbia	i)i.			in.		in.		11)			
Coquitlam Denman Island. Goldstream Lake. Hartley Bay Naas Harbour Nanaimo Royal Oak Somas River Swanson Bay	1 45 3 32 1 61 1 06 55 2 74 1 19 1 95 6 75	3 10 8 11 4 6 5	27 20 20 22 19 22 24 23	1 20 0 93 0 83 1 90 1 41 1 96 0 44 0 80 3 06	16 16 21 16 16 16 16 28					Fog 23.	
Alberta— Bardo	3.29	ŏ	24	1.31	9	1.5			17		
Beaver Hills, W Bismark Bruederheim, Bittern Lake, Coutts Clover Bar	1 50 2 01 1 32 1 78 2 25	3 6 6 6	23 22 22 21	1105 0 57 0 95 0 77 9 50	10 10 11 10 1 2	1 5 1 0 1 6 12 (f	1 2 3	1 o 1 B 1 E 6 O	10 13 17 16 16 16	Thunder 2nd, 11 Thunder 2nd, Thunder 10th,	
Conjuring Creek. Dorenlee Grassy Lake	1 84 1 55 3 50	3 4 4	+ 26 24 26	1 31 1 08 1 50	11 11 13	3.0	1	3 0	21		
Heather Brae Islay	2 26	8	20	1 10	10	2.3	3	2.3	17	Thunder 3rd, 9.	
Josephsburg Jumping Pound Kimball Lacombe Leavings	0 86 0 50 0 25 2 55	\$ 2 4	26 19 24 22	0 66 0 31 0 22 6 99	11 6 27 15	3 0 15 6 23 0 4 5	2	3 0 11 9 13 0 1 5	12 12 11 17	Thunder 2nd.	
Macleod Magrath Mayton. Morinville Okotoks	1 92 1 56 1 76 0 60 0 27	5 5 2 3 2	21 23 26 27 20	0°60 1 03 1 06 0°30 0°15	15 10 17 10 28	3-3-11 	2 2	1270 ± 12.0 ± 12.0	12 12	Heavy's now on lot! , thun-	
Ponoka. Sion	2 28 1 17	6 9	22 19	1 (3 0 72	10	315 0.8	3	310	17 16	der 10.  Thunder 3rd, 9. auroras 12.	
Stirliog Saddle Lake Vermilion	1/20	**	26	0:70	51	1 5	*)	1.0	16	26, 28.	
Wabamun Saskatchewan-	1 13	ĵ	*}*}	0.70	10	15	3	1 0	16		
Arcola . Elm How. Hanley Insinger	1:10	‡ 5	22 25	0 <sup>1</sup> 45 ≤ 70	11 1i	1.0	i 1	1.0	12 13	Auroras 6th, 11, 26. Thun	
Last Mountain Regina	1.59	ā S	24 17	( 50 0°23	1 11		1		13	der 10. Fog 8th. Fog 21st.	
Manitoba—				17 607	* *					rog ist.	
Beaver Cartwright Gretna Norquay Rapid City Rosebank	2 17 2 17 1 42 0 96 0 87	1 6 6 7 5	22 19 23 22	2 400 1 35 6 52 0 39 0 25	11 19 13 13 21		1		26	Auroras 4th, 10, 11,	
Ontario-											
Aurora	3151 6 22 6 55 4.37 1 19 511	\$ 13 10 7 8	21 15 20 20 20 20 9	1 21 1 71 1 60 1 30 1 70 1 61	28 29 11 11 16 17					Thunder 1st, 5, Thunder 6th, 8, 10, 20, 21, Thunder 1th, 12, 19–21, Thunder 1st, 16, Thunder 5th, 9th, 16, 20,	
Ennismore Goderich Georgetown Huntsville	2 08 1 73 3 65 2 96	5 7 15 13	23 23 12 17	1 12 0 10 1 02 0 55	30 5 25 25					Aurora 1), Thunder 21. Thunder 481, 5th, 20, 28, Thunder 9th, 16, 20,	
Lansdowne MacCue Midland Montagne Oraogeville Princeton. Sydeoham Strathroy. Watford Westport. Wooler Westminster	3 (1 2 01 4 06 1/53 3 58 4 33 1 56 3 56 4 26 4 14 3 75 2 79	7 15 7 8 6 10 12 9 8	23 24 24 25 25 25 25 25 25 25 25 25 25 25 25 25	0.90 0.45 2:55 1.04 1.75 2:25 0.92 1.30 1.30 2.21 0:73	30 19 30 11 11 29 10 16 20 29					Thunder 29(b). Thunder 181, 16. Thunder (1th, 20, Thunder 181, 16th, 27. Thunder 6th, 16.	
Wiarton	3 86	10	발미	0-00	ð					Thunder 1st, 5, 19, 23,	
New Brunswick— Point Escuminae	2:98	8	19	1 12 (	21					Fog 12th.	

PRO OF FOX OF THE RUNSHINE REGISTERED IN LACH HOLD OF THE DAY DURING WHICH THE SEN WAS ABOVE THE HORIZON IN THE MONTH OF SEPTEMBER,  $197^\circ$ 

	House Lymys														
							110	11.10	1. 110 1	()					
SIATIONS		7 a. m	± ×	9 a m.	10 3, 10.	11 . 11.		= =	11 11 7	22 '04 25	1 1	~	- 1	See	5 ± ×
Votoria		) II							11 1						
Vin i mo		UII							11 Eyl1						
Vg/ass/Z									11 - 1/1						
Karalong		1) 1d;	0.23	0.37	1) 50	11 17	HIEL.	0.(0)	0. (2)	11 551	11 3%	11 (35)	0.21		
Sayon 5															
Cilary															
Medicir e Hat	(-19)								0.65						
Edmorton		0.04	(+ 30)	(1, ()	0.55	0.63	0.63	0.63	0.59	0 15	0.55	0.47	81 8358		
Battleford										- 4					
Indian He of		0.03							0.68						
Brandon		0.0	0.00	11.71	0.53	0.63	(-61	0.61	0.61	(i .,i"	F Sch	0.42	0.12	18 ( )	
Winnipeg		0.11	0.12	0.51	0.60	0.63	0.69	0.68	0.65	0 E <sub>0</sub>	0.61	0.33	0.12		
Woodstock		0 (#1	() 1212	0.31	0.43	h [fi	0.41	0.43	ti -{E}	0.43	0.32	0.27	0.30		
Forento.	į.	0.03	1) 25	0.41	0.57	0.61	0.60	(1.15%	0.61	0.65	$\theta \rightarrow_{\ell}^{n}$	0.31	0 8		
Lindsay.		0.07	0.11	11.28	0.31	0.35	0.42	0.40	0.33	0.45	0.39	0.35	01	0.00	
Barrie		0.01	0.30	0.31	0.41	0.47	0.50	0.48	0.17	0.51	0.49	0.797	0.12		
Gravenhurst	0102	0.03	0.06	0.18	0.22	0.53	0.31	0132	0.21	0.50	0.12	0.09	0.1(4		
Haileybury		0.00	0.29	0.31	0.29	0.35	0137	0:41	0.43	0.35	0.36	0.21	1) (1]		10100
Kingston		0.08	0.30	0.32	0.31	0:51	0.52	0.55	0.47	0142	0.43	0.31	0.03		
Oftawa .		0105	0.26	0.35	0.38	0.46	0.43	0145	0.16	0:45	0.39	0.31	0.16		
Montreal		0.02	0125	0.31	0.39	0.10	0.41	00.14	0.12	0.44	0:46	0.16	() (3)		
Sherbrooke .	0:01	0.06	0.22	0.36	0.50	0.58	0.51	0.44	0.13	0.45	0.36	0.31	0.06		
Quebec		0:64	0:36	0.12	0.17	0147	(1:30)	0.40	0143	0.11	0.41	11.38	$\Omega_{\rm m} = 0.01$		
Fredericton		0.11	0.31	01:37	0-14	0.56	0.57	11160	$0.5^{\rm s}_{\rm L}$	0.56	0.51	0.17	0.22		
Charlottetown.		0.11	0.41	0.19	0:17	0.47	0.25	0.55	0551	0.50	0.49	0.40	11 25	0.(1	

		-			1.	
Victoria. Naunium. Agassiz	Kamboops, Savonas, Calzary	Medicine Ha Edmonton. Battleford.	Indian Head Brandon. Winnipeg.	Woodstock, Toronto, Lindsay.	Barrie, Gravenharst Haileybury, Kingston	Montreal. Sherbranke Quebees Fredericton (Charlottelw)
Mean propor tion for month 0 410 42 ( 3; Constant sun shine being t	0.44	0153-0145	0.46 0.43 0 √	0.3) 0.11 0.31	0/36 0/16 0/28 / 0/31	0.32 0.350 34 ):340 120 42
Difference from average 0.01 0.00		100	(-0)= ((03 - 0) 0)	I = 0.49 = 0.13 = 0.21	0.47	0 11 0 19 0 07
Maximum dady amount, 0 88 0 83 0 86	10 S‡	0.92.0.82	0 % 0 7 10 4	; 11 St 11 St 1 Jis	(-87 (0.57 -) 86 (0.81	n s = 0 850 860 850 920 90
Date : 22.20 - 22	7	9 1	(9) 2 20	i 21 12 14	21 3 18 22	99 22 22 18 18 28
No.ofdays.com pletely clouded 5 5 !	3	1 0	4 3(	3 11 3 -5	1 47 0 1	9 9 1 10 7 6

#### Aurora recorded:

Where the class of aurora is noted by the observer, it is given, I) bring the brightest, (IV) the problest in brilliancy.

- 4. Fort Vermilion.
- 2. Fort Vermilion.
- 3. St. Albans, III; Kenora, III.
- 4. Cartwright, Chaplin, III; Alameda, IV; St. Albans, II. Fort Vermilion.
- 5. Meota, IV; Kenora, IV, Fort Vermilion.
- 6. Insinger, Waseca.
- 9. Salmon Arm, Chaplin, IV; Meota, IV; St. Albans, IV; Cape Magdalene.
- 10. Cartwright, Cape Magdalene.
- 11. Emsdale, Insinger, Cartwright, Big Creek, III; White Horse, III; Carcross, IV; of Meota, III; Lake Talon, Kenora, IV, Alameda.
  - 12. Sion, Kenora, IV; Madoc, IV; Shawenegan Falls.
  - 13. Fort Vermilion.
  - 14. Foxleigh, St. Albans, H.
  - 15. Fort Vermilion.
  - 16. Chaplin, IV.
  - 17. Chaplin, IV, Fort Vermilion.
  - 18. Chaplin, III.
  - 23. Waitefield, III.
  - 25. Treherne.
- 26. Sion, Red Willow, Hillsdown, IV; Brownhill, II; Alameda, I; Foxleigh, St. Albans, II; Oakbank, Bruce Mines, IV; Kenora, IV; Haliburton.
  - 27. Kneehill, Foxleigh, Treherne.
- 28. Sion, Red Willow, Pakan, III; Kneehill, Hillsdown, IV; Waitefield, II; Foxleigh, Brownhill, II; Chaplin, II; Meota, I; St. Albans, III; Bruce Mines, III, Fort Vermilion.
  - 29. Kenora, IV, Fort Vermilion.
  - 30. Big Creek, III; White Horse, II; Waitefield, IV.

#### Thunder recorded on:

- I. Aurora, Georgetown, Midland, Strathroy, Wiarton, Crawford Bay, Summerland, Tobacco Plains, Roseland, Point Clark, Beatrice, Cockburn Island, Bruce Mines, Owen Sound, Clinton, Lucknow, Stony Creek, Madoc. Port Hope, Agincourt, Hamilton, Birnam, Paris, East Toronto, Brantford, Port Dover, Port Burwell, Brome.
- 2. Bruderheim, Bittern Lake, Golden, Salmon Arm, Red Willow, Blackfalds, Alix, Wetaskiwin, Waitefield, Sutton West, Josephsburg, Bon Accord.
  - 3. Heather Brae, Sion, Waitefield, Meota, Bon Accord.
  - 4. Stuarts Lake, Waitefield, Meota, Point Clark, Lucknow, Port Dover.
- 5. Aurora, Emsdale, Georgetown, Wiarton, Crawford Bay, Princeton, B.C., Summerland, Salmon Arm, Coekburn Island, Meaford, Owen Sound, Lake Talon, Orillia, Clinton, Uplands, Madoc, Agincourt, Hamilton, Birnam, Paris, East Toronto, Brantford, Port Burwell, Brome.
- 6. Arden, Westminster, Tobacco Plains, Macleod, Pekisko, Sutton West, Haliburton, Bon Accord.
  - 7. Point Clark, Owen Sound, Lake Talon, Percé, Paspebiac.
  - 8. Arden, Clinton, Birnam, Port Burwell.
- 9. Heather Brae. Sion. Emsdale. Huntsville, Big Creek, Red Willow, Pakan, Wetaskiwin, Waitefield, Beatrice. Bala. Lake Talon, Agincourt, Haliburton, Bon Accord.
- 10. Coutts, Okotoks, Insinger, Arden, Ladner, Tobacco Plains, Macleod, Pekisko, Lloydminster, Sutton West, Agincourt, Paris, East Toronto.
- 11. Bruederheim, Croydon, Princeton, Rossland, Hillview, Cockburn Island, Lucknow, Paris, Brantford.
  - 12. Croydon, Gatesgarth.
  - 14. Crawford Bay.
  - 15. Bruce Mines, Paspebiac.
  - 16. Dutton, Emsdale. Huntsville, Midland, Strathroy, Westminster, North Nicomen, Tzouhalem-

Beatrice, Cocklines and, Bala, Bruce Mines, Lake Talon, Ulnton, Lucknow I plands, Madoe, Agincourt, Lineau Paris, Brantford, Port Dover, Port Burwell, Brome, Shawenegan Falls, Point Legicaux.

- 17. Suttor We Clinton, Port Burwell, Windsor, N.S.
- 18. Kenera.
- 19. Croydon W. rton, Meaford, Kenora, Haliburton.
- 29. Arden, Luss de, Georgetown, Huntsville, Princeton, Bala, Sutton West, Lake Talon, Upbrids, Madoc, Pars Last Toronto, Clontarf, Brantford, Port Burwell.
  - 21. Sutton Wes.
  - 22. Windsor, A.S.
  - 23. Wiarton, Madoc, Port Hope.
  - 24. Arden, Croydon, Ennismore, Sutton West, Midde, Port Burwell, Shawenegan Falls.
  - 25. Crawford Bay, Sutton West, Brome.
  - 26, Nicola, Princeton, B.C., Salmon Arm.
  - 27. Strathroy, Rossland.
  - 28. Georgetown, Agincourf, East Toronto, Brantford, Port Dover.
  - 29. Lansdowne.
  - 30. Brome.

#### FORECASTS FOR SEPTEMBER, 1907.

The forecasts issued by this office at 11 p.m. each night, are posted up at every telegraph station in Canada, and are for the 24 hours beginning at 8 a.m. the following day.

The number of predictions issued during the month was 1346. These were divided as follows:-

		No.		Verified.						
	District.	I ned.	No. Fully	No. Partly	No. Not	Per- centage.				
Alberta			60	12	G	81.6				
Saskatche wan		79	63	11	2	with				
Manitoba		*3	1,1	11	5	So 5				
Lake Superior		112	70	26	11	75 6				
Lower Lak Region		12	100	21	ž.	44.1				
Georgian Bay		1	101	19	5	44.1				
Ottowa Valley.		121	563	23	62	85.5				
Upper S - Lawrence		10	1/3	28	1	87.1				
Lower St. Lawrence		Iu>	18th	O-3	6	15 .				
Consti		1.23	:18	17	× .	86.6				
Morring Provinces, West		12.0	847	25	.)	3.2				
Maroin Provinces, Red		130	95	22	13	81.5				
To .		1000	1/69	228	79	\$3.3				

In order to obtain the percentage of verification of the predictions, the number partly verified is divided by two and a lded to the number fully verified, and the result divided by the total number saued.

In ascertaining to what extent the predictions have been verified, the reports from the agents at all observing stations, as well as the telegraphic reports, are used.

R. F. STUPART,

Director.

Meteorological Office Toronto.

2 Mb. November, 1907.

#### DEPARTMENT OF MARINE AND FISHERIES, CANADA.

METEOROLOGICAL SERVICE,

# Monthly Theather Review.

VOL. XXXI.

OCTOBER, 1907.

No. 10.

#### INTRODUCTION.

In compiling the present Review the principal data made use of are the telegraphic reports of observations received at this office for the purpose of weather forecasting, and reports by mail from voluntary observers and storm signal agents. For the material used in tracing the paths of areas of high and low pressure in the United States, we are indebted to the Chief of the Weather Bureau, Washington, D.C.

#### REMARKS UPON THE WEATHER.

The weather on the islands and lower mainland of British Columbia was unusually mild and up to the 18th it was comparatively warm. After this date somewhat lower temperatures prevailed excepting from the 23rd to 25th when 60° was exceeded in many districts. Frosts were recorded at a few places and only on a very few days. Fine weather prevailed and the mean proportion of bright sunshine [exceeded the average. The rainfall which in the aggregate was considerably below the average was recorded chiefly during the first and last week. On the 30th plants were still quite green they not having been affected by frost. On the upper mainland the weather was quite similar to that in districts to the westward, the mean temperature being well above the average and the precipitation considerably below. The wet periods were chiefly the first and last week also on or about the 12th and 22nd, but at many places they where less frequent. Frosts were recorded on many days.

In the Western Provinces the weather was unusually mild, more especially in Alberta, where at some stations the mean temperature excess was 6° or over. In the province referred to, the daily maximum temperature frequently exceeded 70° at some places, but the nights were comparatively cold and frosts were quite frequent. Exceedingly fine weather prevailed and the only precipitation of importance occurred on or about the 5th, 7th and 30th. Some plants remained green until a late date, but vegetation generally was withered by frost early in the month.

The weather in Manitoba, like that in provinces to the westward, was exceedingly fine, the mean proportion of bright sunshine being well above the average, and the sky being almost continuously unclouded from the 11th to 28th. Quite mild weather prevailed up to about the 23rd, and the mean temperature somewhat exceeded the average at many places, nevertheless the nights were generally cold and after the 17th hard frosts were very frequent. On the 1st there was much precipitation and lighter falls occurred occasionally during the first week, also on or about the 26th and 30th, but the aggregate amount was considerably below the average.

In Ontario the weather was unusually cold, and after the 18th, frosts were recorded on many days. From the 4th to 11th rain was of frequent occurrence and there were also falls on or about the 26th and 28th, but the aggregate amount was light in the western portion though heavy in eastern districts. After the 11th there was much fine weather and the proportion of bright sunshine exceeded the average. Light falls of snow occurred upon several days during the month.

The weather in the Province of Quebec was characterised by low mean temperatures; quite cold weather prevailed after the 18th, and frosts at night were of frequent occurrence throughout the month. Falls of rain or snow were somewhat frequent and in most districts the total precipitation was excessive; nevertheless there was much fine weather, more especially after the 13th, and the mean proportion of bright sunshine-exceeded the average.

In New Brunswick the weather was mostly dull and wet up to the 11th, after which there were many fine days, but the proportion of bright sunshine was somewhat below the average. Up to the 18th the weather was generally quite mild, but after this date quite low temperatures prevailed and frosts occurred on many days. Gales were reported on the 4th, 8th and 21st. Snow was recorded upon several days after the 17th,

The weather in Nova Scotia was compartively cool up to the 19th, and after that date quite low temperatures were reported, frost being of frequent occurrence. Dull weather prevailed, and in northern districts precipitation occurred on many days and exceeded the average quantity for the month. Elsewhere it was generally below the average and the falls were less frequent. Snow was recorded at many places on or about the 21st.

In Prince Edward Island the weather was somewhat cold, more especially after the 18th when frosts were frequent. Clouded skies prevailed and rain which occurred chiefly on or about the 1st, 4th, 6th to 8th, 12th to 14th, 21st to 24th and 28th to 30th, was slightly excessive in the aggregate. On the 21st and 20th snow was also recorded. F. F. PAYNE.

#### BAROMETRIC PRESSURE.

The mean barometric pressure for October was in excess of normal over the greater portion of the Dominion, but negative departures were recorded in Quebec the Maritime Provinces and in northern Saskatchewan. The largest positive departure, + 08 of an inch. occurred at Port Arthur, Ont., and the highest negative departure, - 06 of an inch, at St. John. N.B.

#### HIGH AREAS.

Eleven areas of high pressure were traced during the month being much in excess of the usual number recorded in October. The areas all first appeared well to the northward in the morthwestern portion of the continent and three as far north as the Yukon Territory. The general drift of theareas was southeasterly either over or to the southward of the Lake Region and thence off the United States Atlantic scaboard. Cool weather was their invariable accompaniment and as the month progressed some low night temperatures were experienced in many districts.

#### LOW AREAS.

Ten areas of low preasure were charted during the month, two appeared in the South Pacific States while the other eight were all lirst in evidence over the Yukon Territory and doubtless originally travelled in from the Pacific Ocean. The northwest areas passed south-eastward into the Western Provinces, thence either over or to the northward of the Lake Region and over the Gulf of St. Lawrence, while of the South Pacific areas one moved over and the other skirted the southern shores of the Lake Region. The areas were almost without exception of considerable energy conforming to the usual October type.

#### WINDS.

In British Columbia on Vancouver Island and over the Mainland the winds were mainly light to moderate and variable, a fresh or strong breeze being seldom experienced.

In Alberta and Saskatchewan the northwest, west and southwest directions were the most general with four days with strong and sixteen with fresh breezes and two gales.

In Manitoba the south and west directions were most in evidence with five days with strong and fourteen with fresh breezes and three gales.

In the Lake Region the westerly direction predominated with nine days with strong and seven with fresh breezes and four gales, the latter occurring between the 7th and 8th the 10th the 17th and between the 27th and the 28th.

In the Ottawa and Upper St. Lawrence Valleys the westerly direction was somewhat in the ascendency with seven days with strong and ten days with fresh breezes and three gales.

In the Lower St. Lawrence Valley and the Gulf the north and west directions were paramount with nine days with strong and nine with fresh breezes and seven gales, the gales being experienced on the 4th, the 8th, the 18th, the 20th, the 24th, the 26th and between the 28th and the 30th.

In the Maritime Provinces the direction was variable with twelve days with strong and eight with fresh breezes and six gales, the latter occurring on the 4th, the 8th, the 18th, the 21st, the 24th, and between the 28th and the 30th. Warnings issued to River Bay and Gulf stations on the 11th and 13th, were not justified by subsequent dangerous winds and a gale blew over the same districts on the 26th for which no warning was issued. The warnings forwarded on the 8th, 18th and 21st were in several localities reported received after the storm had begun and the gales in the Gulf of St. Lawrence on the 23rd and in the Lake Region on the 26th were only felt locally.

#### TEMPERATURE.

The temperature was supernormal from Eastern Saskatchewan to the Coast of British Columbia; normal in Southern Manitoba and very locally along the Gulf of St. Lawrence, elsewhere in Canada it was subnormal. Positive departures from the average were pronounced in Alberta, varying between 5 and 7 degrees while negative differences of from 2 to 7 degrees were recorded in Ontario and the greater portion of Quebec.

The Highest and Lowest temperatures in each Province during October, 1907, were:

British Columbia,	82° on 10th at Alberni,	2° on 16th at Atlin.
Alberta,	81° on 6th at Macleod.	6° on 17th at Pakan.
Saskatchewan,	78° on 22nd at Battleford,	8° on 19th at Battleford and on 27th at
		Alameda.
Manitoba,	83° on 5th at St. Alba s,	0° on 24th at Carberry.
Ontario,	80° on 1st at Sarnia,	10° on 28th at Bancroft.
Quebec,	67 on 17th at St. Anne de Bellevue,	10° on 27th at Clarke City.
New Brunswick,	67° on 18th at Chatham,	15° on 27th at St. Stephen.
Nova Scotia,	67° on 17th at Port Hastings,	17° on 20th at Truro.
P. E. Island,	65° on 10th at Hamilton,	25° on 26th at Summerside.

#### PRECIPITATION.

The precipitation of the month differed materially over various portions of the Dominion, in fact more so than usually occurs. From Manitoba to the Pacific Coast there was a decided deficiency, in some sections especially on the prairie reaching 100 per cent. whereas in the Ottawa and St. Lawrence Valleys there occurred an equally decided excess reaching 102 per cent. in the Gaspe Penin-ula. In Ontario the precipitation varied considerably with the district, some localities recording a positive departure and others a negative. The same may be said of the Maritime Provinces except for Cape Breton when a considerable excess was recorded.

#### BRIGHT SUNSHINE.

Bright sunshine for October was in excess of normal throughout the greater part of the Dominion, small negative departure alone being recorded in New Brunswick. The extremes of departure were +17 per cent. of possible at Indian Head, Sask. and-4 per cent. at Fredericton, N.B.

PRESSURE, FEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA DOTOBER, 1907.

a Barameter not reduced to Sea Level. \* Stations not furnished with Registering Thermometers

	- (1.1)	41 Why = -	- 3			-		_	- 2 -	0		## 05000 ## 05000		212	= = =
		1 11/11/2 05	= =	/	. = = =	-				0	0.500		= =	====	\$100 may 1000
ı	Motor	Days with day	5-		5451	4			21 F	1 = 1	1 At			5725	野科特
		aff tont fi	12 9		3940	-	2 =		933		44 E	208.283	ą.	923	932
1	AFION	Terrice [1]	23		21 E	2	= =	=	134			8 = 9	= =	74	===
-	11.11 A	mort son at diff.	23		= -+	2.1	=				= =	2 *1 ~	pm0	-	
1	Pina	non v	21-		ERVE		E 2	=	700		572.00			488	748 ===
1	-														
	3	Parts and directly north mort													
	75.	, gli ola 7													
	VEGOUTTY WIND.	e tab lentgill													
	-	Mean miles per hour,													
		Fuoidavasdo 10		광장	4-		2		9	2	잗	ğ		72.72	7.5
İ		Total number		22.21	2				=	<u>=</u>	21	ā			- 5
	200	.2		= =	-		=		1-	=	_	=		ma	= - %
	F 100M	X.W.		-1-	# 1=		_		75		2			2 12	
	WIND	11.		2122								=			
		3.11.5	_		-				_	_		21		10.00	24
	Ö 7	.8		21	77				=		ring until	2		J. 22	1-
	DREGEON	TS		212	No. No. Control				1	-	-	1=		~ <u>=</u>	Δ.
	TERC	GI.		= -	21		=		21	~	드	ā		ΞΞ.	=
	2	N.E.		2)	1+		21		5.2	=	:-	22		one I or	-
				m	21		=		22	=	1-	=		21.00	æ
		clouded.		- 21	-				7		=	- 1-		y m	00 0
	(1519fg	cloud,		1	•		_		12	1-	7	. =====================================		1-0	1-
		Mean amount of									:1				
		Mean relative													
	10.941	Mean temperatus Juiogwab	_												
		Mean daily	88	# 3 to	たったま 長男生型	=	スーツ 野馬四		272		5299	SARESSE SARESSE	2100 8-8	221E	-xx 222
		.918(1	1 = 10 B		514 715	Ξ	454	Ξ	151-2		REELE	第7×世紀日	57	-1-2 Z	王兴王
			==	===	====	=	= = ::	=	= -; =		2 <b>2 2</b> 2 2 2		= =	E-121-	===
	32	1.0 m cb L	20.00	마프롱	크로워크	됢	NEE.	200	HAR		55226	집중남원프로	83	BRR.	∞ ± ±
	12.7	Date.	=-	221-		-2	T:11-	=	2.22	- prod	20063	-02-04-	7.2	===	2122.21
	BAILERATORE	Highest	71.0 71.0	722	2505	· 5 · 5	55% 56%	2	0.00		2 - 5 - 5 2 - 5 - 5 2 - 5 - 5	00000000 000000	21	000	299
П	TE	11 7498do 2489 L	52	N Eicht	- 21三 S	21	100 mm 200	-	1-21-	=	-/=88	25 25 25 4 27 1 7 1 2 4	88 -2	135	848
		Бійстенсе Ітопі аустаgе.	, m =	-	no on	21	1.51		71.71		20 ED	10 m = 1 10 01 01	122	_	
			7 E	2	x == 51 ==	3	ere ERR	71	21-1 克里茨	12	= = = =	21212-	712	27 (2)	
		Mean.	88	H2112	21488	3	T = 3		3.至33	Ŧ.	4925	28122	21-	555	HEE
		Range.	-	312	12		7.		=	15	100 100 100 100 100	3		33	77
	25.	TS0.1107	-	20 E	0.30.38.28.88.0.33		2500 1103 120 03 120 10 20 53 0 55		10 0 70 70 70 07 0 08	0 18 02 25 0E III	80.07 67 8 08 79 65	100 A 24 (65 84 (65 85) 165		22 22 22	11.00.01 (00.01.00.18.02.01.00.01.18.01.01.01.01.01.01.01.01.01.01.01.01.01.
	PRESSURE			5151 512	¥1		Fi E		51	5	7	新 1 2		6.6 8.5	
	PRE	- dendaild	ii .	2000	Ā		25		Ä	Æ	Ē	ā		8.8	8
		Mean reduced.	. <u>=</u> :	20日 日本日			3		8	图 图	H E.	77 E		## ##	×.
		level, in feet,	ā¥	三克西语 初二二百	흥얼지르를 등	12	5 2	ŝ					E 24	28	EE
	110-	Levation above	# E	8858 8858			9 = (8=8)	21-2	n Hān			n un maa 33892428	5 4% 89%s		25
		Walniano.1	7 m		99223232 20223232			- 682	mm 1953	315	등으로 취임	28325552	2000		あり 著名
		. 2011 / 2244	22	gnes	REFERRE	71=	292	367	三甲基	四百	RAH S	8-8-8-82	5/15		-2
1		Z shuffhal	70 - 40 - 41 - 41 - 41 - 41	8888	25522252	章度	gea:	920	ERE	2.2	227 2	केत्रस्थलस्य	REES	222	58
												. In est			
										- 		St. Ja			
		N. O	ME		i.				÷	7	THE STATE OF THE S	Port	5 4	ar.	
		STATION	1.10	. 25	THE WILLIAM	TI .	7		ake um	1111	- Name	ngte Fet.		T. T.	Ž
1		E8	TES.			1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	N. Cook	7.1.	E-7	1 1		37 - 4 - 37 -	10 0 0 E	rinto Fint.	H De Br.
			BRITISH COLLMBIA Alberni Agussiz	Athabher Atha Barkerville Bella Coola Ballion.	Samfield  Sig Creek  Johnstream  Milliwack  Frankrook  Tankrook  Jape Scott	Calry Point	Colden Pedley . Kamboops	adner	a Namima Nicola Jake Vorth Meamen.	osto.	Nickel Plate Ukunagan Mission Fort Singson Pentielen Princiten	The Usa, Port Essington Quesicle Recelstoke. Rivers Inlet. Rossland Salunet starke (Pert St. James) Salunen Vern	Spence's Bridge Summerland Tobacco Plains	Tzanhalem Victoria. Vincenver	Careross Dawson White Horse
			=		mmululii:	-::	:=:::	427	27/	7.7	/.:===:	2458887.7.	Z Z Z F F	テンンニ	5053

	43 - 30 - 40 - 40 - 40 - 40 - 40 - 40 -
	1404 cood co : 44 : 50000-00 c u + V + 100 0 co co -44
	[ 18] 19 18 18 19 19 1 1 1 1 1 1 1 1 1 1 1 1
20000   00000   00000   000000   000000   000000	변경 (현경영향 문용 : 1 년 1 년 2년 2
	1
: # : : : : : : : : : : : : : : : : : :	:: '
등 등 등 등 등 등 등 등	8 2 1 1 1 2 2 1 2 1 1 3 1 3 2 2 3 3 3 3 3
9 0 3 0 8 0 X	8 1
	2 : 3 a : 7 5 35 a : 2 : 9 2 : 5 2 : 5 2
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
. 0 . 0 . 31 . 5 . 5 . 6	
	7
######################################	- 1985年 1985年 1985 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
82222 2222222	TANK WART 25
987+9 98-98-98-88-88-88-88-88-88-88-88-88-88-8	1423   33253   x x x x x x x x x x x x x x x x x x
#=====================================	111 12 12 12 13 1 10 10 00 0 1 1 1 1 1 1 1 1 1 1 1 1
<u> </u>	
	의학 : : : : : : : : : : : : : : : : : : :
+ + + + + + + + + + + + + + + + + + +	111 111
######################################	1286   1775   78
: : :	
1512 30 '05 '30 . 17 '20 '56 0 '91 2878 28 51 29 '50 1 '04 2878 28 51 29 '50 1 '04 2878 29 51 29 '50 1 '04 2878 29 20 '33 1 '02 21 33 1 '02 21 33 1 '02 21 31 1 29 '51 21 20 '51	11.25 11.25 11.25 12.18 12.18 12.18 13.25 14.15 15.25 15
- 1	11.66 9.69 9.69 9.69 9.69 9.69 9.69 9.69
20.08	(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c
25.00 (20.00) 25	1
	28 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
242725.25727212122 227221211211212121212121212121	78-28
	4등~등 보고등등등 보고원고역원자 원원을 등 당 등 10 10 10 10 10 10 10 10 10 10 10 10 10
<b>商</b>	rincher Creek.  Fincher Creek.  Fincher Creek.  Fakan (Victoria).  Fakan (Victoria).  Fakan (Victoria).  Fakan (Victoria).  Face I be fa
anding Str.,	creek  ow  ow  structuria)  ow  d d d d d d d d d d d d d d d d d d d
Ca Lau Is ord in in in in in in in in in in in in in	ictory over the control of the contr
BERTA— Mix. Mix. Mix. Manif. Manif. Markfulds. On Accord Malgray (Ex. Stn. Balkry Markson Midsbury Markson Midsbury Mids	Namton (Victoria) Pincher Creek. Pincher Creek. Pidiant (Victoria) Pikisto Red Willow Red Willow Walterfield SKATCHEWAN Alameda Alameda Alameda Buttleford Broudview Camplin Lake Chaplin Buttleford Broudview Camplin Duck Lake Percent Lake Camplin Humbol Humbol Humbol Humbol Humbol Humbol Haddington Liemberg Kannsek Kannsek Aloydminster Liemberg Kannsek Aloydminster Liemberg Appelle Rogina Rog
Athabasca Landing Ahix Ahix Ahix Babaff; Blackfalds Blackfalds Blackfalds Colgray Colgray Colgray Dinvegan Didsbury Dinvegan Edunotion Gray Hill Glotchen High Kiver High Kiver Lothbridge Machinel	Pincher Creek. Paksako. Peksiko. Peksiko. Red Willow Red Willow Red Willow Red Willow Red Willow Red Willow Red Morester. Threehilist Creek Welassiwin. Alameda Alameda Alameda Alameda Alameda Broadwiew Crano Lake Crescent Lake Crescent Lake Crescent Lake Crescent Lake Crescent Lake Indianington Duck Lake Broadwiew Canpulate Control Lake Crescent Lake Duck Lake Broadwiew Canpulate Loydinnister Regima. Regima. Almastippi. Regima. Swift Current Swift Current Regima. Almastippi. Regima. Almastippi. Brandon Birdo Garbery Carbery Carbery Carbery Carbery Loydickorno. Hillview Minckorn Hillview Minckorn Hillview Minnedosa.
A FALOCOLLANDORNAL AND A STATE OF THE STATE	, manual 1 minutes and 1 minut

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, OCTOBER, 1967.

a Barometer not reduced to Sea Level. \* Stations not furnished with Registering Thermometers.

<b></b>	No. of fogs.	00 00 0000	2712	0 000-		9100520000000000000000000000000000000000	######################################
anno	No. of autorass, standars at		= = =	3	1000-00	n	
,040111	10 10: diffw a (a)(1 a) wyab tlait daya.	93 55 55 55 2- m- m- mp	545	5 5325		4314848484855588 @#@=@=@2214=1114	5555555
	Herrical fall	55 55 55 55 55 55 55 55		4 87E8		282742222222222222222222222222222222222	7054FE6
PRECIFITATION	יוז הנוולנהי	7 2 23 5		3 5 5 5 5	스트로 발생		2 / 0 0 0 2 / 0 0 0 0 2 / 0 0 0 0 0
Clari	mon sometime	88 AB ES 3E		5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		T FTTTTT NTTT	2428258 2428258
PRE	Junom/.	38 33 33 33	-	n mm-m		77 - 01 01 01 D 00 01 01 01 01	sammmain-
O.F	Date and direction from.						
Y.A.	relocity.	:					
RLOCITY WIND.	Highest day's						
>	Mean miles.			= -		. >	
	Total number	표 : 열 용		3 3 3	22 2	255±555 55 5	282
7	С.	• ×		G 8 11	72 5	sconnem so o	0-0
FROM	Z'IL'	a :	를 기를 하는 기를	2 2 3	<b>EE</b> 3	- Belonger	NEB
WIND	.11.	0 - 0	= ;	= 71 77	ve e		887
A AO	.'M.'S	21 22 (2			TER ET		- 92° - 646
	.8	<u> </u>		27 - 121 - 2	22 2		<u> </u>
ривоттом	S.E.		es :	=	2114 0	Marchella 20	
DIR	E	- m m	1	- 0	m		20-
1	X.E.	15-11-101-12	21		75 8		mac
-	clouded,	01 01			- 2	1-21-	
	No. of days comp		- ; ; ;	n w .	10 to	The second secon	
	humidity.						
10.01	Menn temperatu dewpoint. Mean relative						
30 134	range.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		- cx-c		25 -x = 33237-5 25 225 -252555	con-mox_
	Date. Mean dally	85_88 55568 86 88 46556		2 8282 2 8282		45 <b>9</b> 28 -952555 588885858585	822592 888888
		21- 22- 22-22		x =055		900000000000000000000000000000000000000	
URE	Ja9770.1	25 55 552		e sers		29322135523533 :::::::::::::::::::::::::::::::	3383333
MPERATURE	Date.			_ n			
KSIP	Highest.	PS PE SEES	1 1 1	1 5582	28998 B		<b>ಸರ್ವಶ್ರವ</b> ಕ್ಷ
ž	from average, all vised street	#2 #1 #599 # F	- 2 E	5 55 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	211 x 0	and and an ended of the control of t	288-288 288-288
	osa stallid	+: + + + • • • • • • • • • • • • • • • • • • •	w-m '	0+00:00 to -0			- ax a c a -
	Mean.	- 22 EE 2882E	888	E PREP	REERK F		2=2=2=2
	.93(1n5)I	.i : 59	· P		=======================================	(900)  SET 773  SET 31 (15.30) SS 29 (2.1 [6.50])  SET 30 (15.30) SS 29 (2.1 [6.50])	22 22
CKR.	,359W0.1	SS9 1533 1839 1839 1839 1830 1831 1841 1841 1841 1841 1841 1841 1841	38 OE 30 H 20 KS 6 79		630 610 687 30°61 30 83 29 32 1	* ************************************	रीही
PRESSURE	Jeodaill	E	=		28 0	4 8	25 法
-	Menn reduced.	X X E IO E				8 8	8 E E E E E E E E E E E E E E E E E E E
	Elevation above level, in feet.	75E 85E 8EE		3 1398 8			244942 <del>9</del> 3
Wos -	evoda noitavelii	**************************************		_		2244454242444 2444444444444444444444444	
i	.W ebujigno.l	HERMRENEERS,.	2E288	REFERENCE	NEARASK	大克克克克克克克克克克克克克克克克克	22222222
	Latitude X.	358-623823 222822222		555 T T ARS 5 = 5 2 2 2 2 5 5		THREE PARTE CONTROL OF THE PARTE OF THE PART	
			:				
		19.11		. :::::	. 2	1	
	NO	n. airie airie airie			oldwater 'ockburn Island fravenhurst Imtsville. Initeybury. stowel ake Talon (Calvin)		
	STATION	Co. Link	liff. uir ver	limes	oldwater oldwater cekburn Island fravenhurst limisville. Kaiteybury steowel ake Talon (Culv	nud. Promind.	alley Wilder
	ST.	onny nuclear n	STARIO Semona Port Arthur Savanne	Autric Sala Scutrice Frace Manes	oldwater ockburn Isl ravenhurst funtsville. faileybury. istowel	Mencherd North Bruce North Bruce North Bruce Perlin Parry Sound Point Chark Southampto Chark Southampto Chark Southampto Cotton	familton ondon fort Stanley fort Bover out Burwell elee Island aris
		MANTTONA CON. Morelon Onkhank, Onkhank Onkhale Park, Portage la Preirio, Pierson Stony Mountain Treberno, Virdon, Virdon, Winnipog,	Copper Cliff Kerner Port Arthur Savanne White Rivor	Satrice Ballice Bentrice Brince M	Coldwater Cockburn Is Corkburn Is Gravenhurst Huntsville. Haileybury. Listowel	Medord  North Brace  North Brace  Orith Sound  Orith  Parry Sound  Parry Sound  Parry Sound  Upland  Upland  Upland  Upland  Upland  Cottom  C	Hamilton London Port Stanle Port Burver Pelce Islam Paris
11		7	0				

@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@	= _61	
0-2007-03000000 -0-4000000	0.0000000000000	20000000
9-000000000000000000	0 . 10   DED 01 E NO WOLLD E 10	252H2UA2301
	5 8 22888882883288	
		Note Ware Back
	8 : 8 SPRBBBBS 148624	252222553
48522 5 % 8 % S 27 6 4 4 5 8 8 8 8	무 : 왕 : 왕생 동생왕생 그	표 중요 정도경소
cocos   n   n   0   0   0   0   0   0   0   0	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
: ##26#4888##: ###############################	在 : : · · · · · · · · · · · · · · · · ·	. A SHE RETUY S
(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	in the second se	ेहर मा मार्गिक होते हैं है मार्गिक मार्गिक
	*	
	to the state of th	
1 140 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<del></del>	
	- Britaniina Haritaa -	
: 30 : : : : : : : : : : : : : : : : : :	1948 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	\$ :\$ :85 <b>#</b> \$\$\$\$\$ \$\$ :	일종왕 조림 등
eg : : : : : : : : : : : : : : : : : : :	© 0100701-m0 0H	
161점 : : : : : : : : : : : : : : : : : : :	ा १ के अम्बलन्द्रवा अन्य । । । । । । । । । । । । । । । । । । ।	8782 XI -
	X 3 59= 5=5= 69	tenen xo o
	a i i o mutata tata fast i i	52 - 35 55 - 32 N - 10
[mm: 1: 1: 1: m: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1:	5 - 5 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	-5-01 -20 -
	01 -0 x-0110-01 -0 0	
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21-21-124 (m.)
	10 10 00 00 00 00 00 00 00 00 00 00 00 0	22×2 c- 0 ;
	© 21 2101±000±001 ±2	ला का निवास का का विकास का
	Si su Hawsele an	-can 22 i-
	E	n w- nw:
	F	
: :22 : : : : : : : : : : : : : : : : :		1121
820x000150x00150x01	# 1	22522 2528 2002 2528
888815588585858585858585555 8888155885858585	8:8:5555558888858	:55555255555
	2 : 5 :500 x 500 5 missisc :	
29922022322222222	고 : 영 : 왕고문도학왕선왕덕살도문성동	RESERVACES
00 00 00 00 00 01 m − 00 − 00 m 00 00 00 · 00 ( − 00 m 1 − 1 − 00 00 00 00 )	63 · · · X · · X (**** X X) → U (*** X X X (******* )	· N Z X P N U U U U
ส่งยังยังยังยังยัง ยังการของยังเปล่าที่สุดคล		. ១៩១៩៧១៩៩៩
######################################	### ### #############################	****************
######################################	### ##################################	2 4 8 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
		[+*] + 1 · 1 · 2
######################################	8 : 5 : 5 : 5 : 5 : 5 : 5 : 5 : 5 : 5 :	**************************************
30 (cd) 30 (13 29, 13 11 (cd) 30 (cd)	: : : : : : : : : : : : : : : : : : :	
: '효 : : : : : : : : : : : : : : : : : :	14 - 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	1
		3 83 8 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
	10 10 10 10 10 10 10 10 10 10 10 10 10 1	X 32 18 1 1
30 (16) 30 (15) 20 (15) 30 (16		: র - রম : র
11.00 18	8 18 1 18 18 8 8 8 8 1 1 1 1 1 1 1 1 1	SREPREER
, = dett= 222	80489x8888468886644	20222222222 202222222 2022222222
35333533353333333333333333333335555		Swaffraattaxx
22×8222+2 :25×5-2-2-222×22+24-2	202222222222222222222222222222222222222	
<u> </u>	<u> </u>	Chabeadada
ONTARIO—Concluded. Strauford. Stony Creek. Woodstock. Wolfland. Willson Blacoburg. Agincourt. Blacounfeld. Blacounfeld. Blacounfeld. Blacounfeld. Blacounfeld. Blacounfeld. Blacounfeld. Blacounfeld. Blacounfeld. Individed. Individed. Individed. Individed. Individed. Individed. Individed. Individed. North Gower. North Gower. North Gower. North Gower. Individed. Invibridge.	Abithi Anticosti, E. Point. Anticosti, E. Point. Anticosti, S. W. Point. Bird Rocks. Birduck. Broune. Chicoutini. Cape Chatte Chicoutini. Cape	NEW IRUNSWICK—  Rathmest. Cratham Dulhousic Fredericton Grand Manan Moneton. Point Lepreaux. St. John. St. John. Stephen. Stressx Woodstock.
2 2000年77年11日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日	* * * * * * * * * * * * * * * * * * *	Z.

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, OCTOBER, 1907.

a barometer not reduced to Sea Level. \* Stations not furnished with Registering Thermometers.

	. Mar is lost 1	0 00		20.00	0==	(*1	=
COLUE-	Not of thunder a		=====	==	===	= ==	
	Semonta 1 /	- ==		= = = =	-==	= ==	
	no lot ditan syret Probability of the	<u> </u>		45 m	212	e -5	
	the month, at or		28 88	85	728	= 98	9
2	that reserved "			F. S	3	E E E	21
17.1	Difference from average,	,	54 E	100	9.4	= 0.5	0.81
=	THOU AS GOOD FILE	- F 185	T 5 15 15 15 15 15 15 15 15 15 15 15 15 1	96	363	11 17 5	광
PERCHITATION	JanomA.		i-1	50 m	6.2	- 60.23	1+
O.K.	Pate and direc-						
	/ elocity.	. :	:		1		1
DCI W	111ghest day's	: . : :		: .			<u>:</u>
VRLOCITY WIND.	per hour.						: 1
	solim and/	1.1.					
	Total number and of observations.	. 3,5	26 E	22	822	2 3 E	2
	()	=	2 = I	- 40	-55	m   p =	_
WO		15- 21	<u> </u>	2=	Solw		9
FIUM	Z.W.	. : 	ang_ ∞ :		27.0	E 61.0	
WIND	11.	100		:			
	3.11.3		m = 11 .	# =	<u>m</u> - ∞	13 25	
OF	's	9 9	-9 8	2010	1-0-	12 -0	T.
			ယ္ဆက္ ဘက္	. C2 1/2	01 (0.1%	- CO (-	Ξ.
E-SE		1,000		- 42.53	s	= 24	
DIRECTION	E'		: :-::::::::::::::::::::::::::::::::::	21-	^1 to ±	- G E=	
-	Z.E.						
	-X	57 (=	± ∞ :	- 92	2-10		9
-	ejonqeq.	=======================================	2::=:	: ==	23 : :	9: 1	<b>Q1</b>
[Gf6]L	No. of days comp				<u>:</u>	1 14	<del></del>
	Mean amount of					. :	
	Mean relative humidity.						
	dewpoint.	111					
10 93	range.	- 25 1- 0	,= -9	, tel	@ @ m	O 1-	1.01
	Mean dally	= = = = = = = = = = = = = = = = = = = =		27.2		2:2	
	Dato.	:31 :31 E	1231   53	2121	8151		Ç.
			-0 60	10%	16 E E	0.00	67
RES.	Jagwoll		488 <u> </u> 48	85	 	R % % % % % % % % % % % % % % % % %	8
KRATURE	Date.	2 : 12	= : ≈ ∞ · ∞ ∞	x 21	x 5 x	12 12 1	=
EE				19.10	559		7
TEM	Highest.		22 29 22 28 22 28 28	165	 윤전후		<u> </u>
-	Tears observin	2 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	200 E	15 15 15 br>15 15 15 15 15 15 15 15 15 15 15 1	25.22 25.22	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0.0
	Difference from average.	1 14	. 1 1 1 6	: 1			
		000	123 = 2 223 = 2	22	5252	2 - E	13.0
	Меан.	<del>:</del>					
	Range.	:8 : :	<u> </u>	23	<u> </u>	: : : 2	1.51
1 25	.189770.1	· · · ·	5		9 : :	:::3	27
PRESSURE	120210.]	90.181.09	81 : :	트 원_	# : : # : : # : :	<u>:::: 3</u>	<u>स्</u>
33	Highest.	100	3	1 1第	년 중	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	200
5	maannal un ver	20-12 30-53 22 18 1:05	20.00 89 00 00 00 00 00 00 00 00 00 00 00 00 00	30.08.09.08.43.1.13	20 - 04 - 04 - 04 - 04 - 04 - 04 - 04 -	: : : : 9,	151 39 (65 39) 25 29 75 0 51
	Alean reduced.					: : : : : : : : : : : : : : : : : : : :	8
12.3	Elevation above - level, in feet.	<b>第第</b> :23	= श्रश्नश्चा है	843	8 : :	18 1 18	5
	onoda noltenolol	· 28=21	35848.4	5000	25.5	2 2 8 8 5	æ
	"W ebutigno.l		33383		888	88888	5
		- 2828	RESSER	51-128	=8°	종류종각류	11
	Latitude N.		38883=	:252	222	#552#	24
		ova Scotta— Hridgetown Halffax Ficton	Parrshoro' Syther' Sable Island, E. Font Sable Island, M. Station. Window	Wolfville Whitehead Yarmonth	E. Island - Charlottetown. Hamilton.	AEWFOUNDLAND  Amour Point (Tupannell (Tupannell 11'Ont Kieh SE John S	
	Z.		32				
	711	1 0	122		0 - 0	LAS dint man h.	
	8TAT10N	ow asti	Ser Ser	in the second	thet com.	TS TEST	ot.
	œ -	NOVA SCOTIA— Hridgetown Lalifax Peton Port Hastings.	Parrsboro' Sydney. 'Sable Island, E. Poil Sable Island, M. Sta A'Truro. Witheles.	Wolfville. Whitehead Yarmouth	P. E. ISLAND – Charlottetown Hamilton Summerside	NEWFOUNDLAND  Amour Point Channel  Che Norman  Point Rich.  St. John's	REUMUDA Prospect
		DVA Hric Hind Pic Por	12.55 E	2222	A. Charles	St. St.	Pre
		/ 5	, 5	*	â	7.	=

### PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER, &c., DURING OCTOBER, 1907.

		RAI	NFA	L L		s N o W	FALL	
STATION.	Amount in inches	No. of Days, '01, or over	No. of Fair Days	Heaviest Fall in Month	Date	Amount No. of in inches Days.	Fall Date	REMARKS.
British Columbia  Benver Lake Coquitlam Denman Island Goldstream Lake. Hartley Bay Naas Harbour Nanaimo Royal Oak Somas River Swanson Bay	in, 0.90 2.77 1.95 1.35 2.83 45.21 0.74	4 8 5 9 14 18 4	27 23 26 59 17 13 25	in, 0/48 1/12 0/80 0/41 1/00 2/44 0/26 0/68 2/87	28	in.	in.	Fog on 26 27.
Bardo Beaver Hills, W Bismark Bruederheim . Bittern Lake, Coutts Clover Bar Conjuring Creek Dorenlee Grassy Lake Heather Brae	0.00 0.01 0.33 0.25 0.31 0.25 0.32 0.29 0.00 0.85	0 1 3 3 1  2 0 4	31 31 29 28 58 58 29 29 29 31 27	0°10 0°01 0°01 0°33 0°16 0°24 0°25 0°21 0°26 0°01 0°18	31 5 1 31 1  30 30 30			Thunder 39.
Islay Innisfail Josephsburg Jumping Pound Kimball Lacombe Leavings Macleod Magrath Mayton Morinville Okotoks Ponoka Stirling	0 (Fr 0 21 6 00 0 11	0 3 0 2 1 1 1 1	31 28 31 29 30 30 30 31 30 27	0.10 0.16 0.00 0.10 0.10 0.17 0.32 0.32	7 5 30 			Trace of snow on 1s1.
Saddle Lake	0:25 (1:2)	i	26 29	0°32 0°32 1°20	31			Fog 1, 28, 29.  Aurora 2, 13, 11, 27, 28.  Fog 7.
Last Mountain Regina  MANITOBA— Beaver		1) 2 5	30 27 20	0 04 0 04	8 6		1	Fog 5, 13, 14.  Aurora 14, 28.
Cartwright Gretna Norquay Rapid City Rosebank		2 1 3	26 27 27 27 28	0.45 0.25 0.15 0.18	8 27 1 1	0.1	0.1 31	Fog 30, 31,
Aurora Arden Arden Croydon Deer Park Dutton Enusdale Ennismore Goderich Georgetown Huntsville Lansdowne Mac'ue Midland Montague Orangeville Princeton Sydenham Stratbroy Watford Westport Wooler Westminster. Wiarfon	2115 1 91 1 85 3 109 1 74 1 168 3 153 2 24 1 150	8 12 3 6 5 5 3 6 5 5 8 5 6 5 8 5 7 7 5 8 8 7 7 7 5 8	32	0°46 0°79 0°11 0°67 0°70 0°70 0°45 0°70 0°65 1°55 0°62 0°93 1°15 0°62 0°83 1°15 0°62 0°83 0°83 0°83 0°83	388877677777884584773278866	1		Thunder 7, 10, Fog 16.  Thunder 7, 10. Aurora 1.  Thunder 7, 10. Fog 27. Aurora 1, 11.  Thunder 9. Thunder 8.  Thunder 7. Thunder 9. Thunder 9, 10.
New Brunswick— Point Esemminae	3,15	8	23	F:56	30	2	•	

PROPORTION OF BRIGHT SUNSHINE REGISTERED IN EACH HOUR OF THE DAY DURING WHICH THE SUN WAAROVE THE HORIZON IN THE MONTH OF OCTOBER, 1907.

	Hothes Exding															
STATIONS.	7 11 11 11 11 11 11 11 11 11 11 11 11 11	fi A. III.	7 a. m.	8 н. ш.	9 a. m.	lo a. m.	П и ш.	Noon.	I p. m.	m.d &	3 р. ш.	I 17. 113.	5 p. m.	6 p. m.	1 1. m	ii ii s
Victoria				0.09	0.20	0.35	0.48	0.45	0.47	0.49	0.51	0.32	0.51			
Nanaimo				0.21	0.38	0.51	0.55	0.61	0.98	0.21	0.49	0.52	11.28	s		
Agassiz.				0.05	0.34	0.57	0.61	0.65	0:73	0.72	0.67	0.44	(1-(15)			
Kamloops			0.06	0.55	0.39	0.58	0.65	0.71	0.031	0.62	0.69	(1,54)	0.45			
Savonas																
Culgary .																
Edmonton		1		0.556	6.60	0.71	0.72	0.77	0.81	0.85	0.83	0:73	0.30	0 (1)		
Medicine Hat			0.51	0.61	0.80	0.85	()-()()	0.87	0.80	0185	0:75	0.49	0.10			
Battleford																
Indian Head				0.13	0155	0.69	0.16	0.72	0179	0 80	0184	0 (5)	0.15			
Brandon				0.15	0.48	() 50	0.00	0.25	0:71	0.74	0.22	(1.28)	0.30			
Winnipeg				0.58	0.46	0.52	0157	0.57	0:51	0.25	0.16	0.45	0.58			
Woodstock				0.13	0.51	0.28	0.25	-0.47	0:50	0.28	0.21	0.12	0.11			
Toronto.			0.01	0.30	0.66	0.72	0.21	0:70	0.67	0:56	0155	0.52	0133	0.01		
Lindsay.			0.04	0144	0.55	0.21	0156	0.21	0:57	0.21	0.42	0.13	0.31	0 11		
Harrie			0.05	0.39	0.18	0151	0.25	0.26	0.55	0.24	0.46	0.41	0.53			
Gravenhurst			0.02	0.30	0.48	0.17	0.45	0.14	0.43	0.40	0.38	0.522	0:11			
Haileybury			s	0.16	0.30	0:42	0.45	0.46	0.42	0.42	0.44	0.33	0.58			
Kingston			0.07	0.53	0158	0:71	0.81	0.72	0.65	0.25	0151	0135	0.16			
Ottawa				0.12	0.36	0-13	0.55	0.24	0.22	0154	0153	0.48	0.56	8		
Montreal .			8	0.12	0:35	0°43	0155	0.55	0.18	0156	0152	0.33	0.01			
Sherbrooke			0.01	0.11	0:30	0 15	0.39	0.12	0.45	0 49	0:17	0.13	0.56			
Quebec				0.11	0.58	0.42	0:56	0.22	0.20	0.49	0.49	0.46	0:30	0.03		
Fredericton.			0.01	0.54	0.16	0.21	0.56	(F 55	0.49	0:42	0.43	0.36	0.31	0.05		
Charlottetown.			0.01	0.58	0.33	0.12	0.25	0.25	(1150),	0.45	0.37	0.30	0.18	(1, () <sup>m</sup>		

																				-					
— ^	Victoria.	Nancimo.	Agnesiz	Kamloops.	Savonas.	Calgary	Edmonton.	Medleine Hat.	Battleford.	Indian Head.	Hrandon.	Winnipeg.	Woodstock.	Toronto.	Lindsay.	Inrie,	Gravenhurst.	Haileybury.	Kingston.	Ottawa.	Montreal.	Sherbrooke.	Quebec.	Fredericton	Charlottetw'n
Mean propor- tion for month ! Constant sun- shine being 1	w33	01 <b>(</b> 3)	0:45	0.50			0.83	0 67		0155	0:53	0:43	0.10	0152	0:45	0:43	0.31	0.34	i) [8]	0.40	0.43	0135	0139	0. Jn	0134
Difference from average.	1113		(I.M)					-		5 01.12	±0°12	+0105	0.00	4.01086	- D:(k)	+111(6)			0.0 <u>1</u>		4- 0706		F1183	0 01	_
Maximum daily amount.	i Nij	0.76	0.26	1:00			0.5%	0.90		0.79	0.86	0.54	0189	0:(4)	0.48	n 91	0.93	0.80	0.81	0186	01.88	tirte	0:91	0.95	ir 94
Date	9	18	18	31			20	14		17	17	2-3	29	21	14	(8)	50	20	21	1	21 29	11	31	9	5-5
No.ofdays.com- pletely clouded	6	~	63	3			1	-1	a	0	33	11	9	1	2	2	13	s	3	. 4	_4	8	7	6	10

Thunder recorded on:

- 3. Brantford, Birnam, Lucknow, Clinton.
- 4. Cottam.
- 5. Gray Hill, Hillsdown, Chaplin, Cottam.
- 7. Aurora, Dutton. Georgetown, Strathroy, Wooler, Bon Accord, East Toronto, Otonabee, Paris, Brantford, Birnam, North Bruce, Clinton.
  - S. Sutton West.
  - 9. North Bruce, Wiarton.
- 10. Aurora, Dutton, Georgetown, Strathroy, Westminster, East Toronto, Agincourt, Stony Creek, Paris, Brantford, Birnam, Point Clark, Owen Sound, North Bruce, Lucknow, Wiarton.
  - 11. Otonabee, Madoc, Sutton West.
  - 13. Brome.
  - 30. Dorenlee, Gray Hill, Alix.

Aurora recorded :--

- Where the class of aurora is noted by the observer, it is given, (I) being the brightest, (IV) the feeblest in brilliancy.
- 1. Carcross, Sion, Emsdale, III; Huntsville, III; Hillview, IV; Gray Hill, III; Waitfield. IV; Humboldt, II; Chaplin, IV; Foxleigh, Madoc, III; Lake Talon, Chicontimi.
- 2. Insinger, III; Red Willow, Hillsdown, IV; Waitefield, IV; Meota, III; Chaplin, IV, Chicoutimi, Shawinigan Falls.
  - 3. Gray Hill, IV; Birnam, III.
- 8. Gray Hill, III; Red Willow, Pakan, III; Hillsdown, IV; Waitefield, II; Moose Jaw, Chaplin, III; Foxleigh, Madoc, IV; Stony Creek, II; North Bruce, Lucknow, Lake Talon.
  - 9. St. Albans, IV; Red Willow.
- 10. Sion, Gray Hill, III; Red Willow. Pakan, III; Hillsdown, IV; Whitefield, 111; Chaplin, 111; Woodstock, N.B.
  - 12. St. Albans, I; Brownhill. IV.
  - 13. Insinger, II; Kneehill, Gray Hill, IV; Red Willow, Waitefield, II; Cape Magdalen.
- 14. Insinger, II: Cartwright, III; Huntsville, III; St. Albans, I; Gray Hill, II; Red Willow Pakan, I; Hillsdown, IV; Waitefield, I; Moose Jaw, Chaplin, IV; Brantford, Meaford, Lucknow, Lake Talon, Shawinigan Falls, Cape Magdalene, Woodstock, N.B.
  - 15. White Horse, I.
  - 22. Waitefield, IV; Shawinigan Falls.
  - 23. Waitefield, IV.
  - 26. Brownhill, IV.
  - 27. Insinger, IV; Waitefield, IV.
  - 28. Insinger, IV; Cartwright, IV; Pakan, III; Waitefield, IV; Chaplin, IV.
  - 29. Waitfield, IV.
  - 31. Chaplin, IV.

#### FORECASTS FOR OCTOBER, 1907.

The forecasts issued by this office at 11 p.m. each night, are posted up at every telegraph station in Canada, and are for the 24 hours beginning at 8 a.m. the following day.

The number of predictions issued during the month was 1327. These were divided as follows:-

		No.		V1.RI	FIED.	
	District.	Issued.	No. Fully	No. Partly	No. Not	Per- centage.
Alberta		83	65	7	31	8215
Saskatchewan		83	61	12	7	81.3
Manitoba		Vi.	131	12	5	43.7
Lake Superior		112	82	21	9	82.5
Lower Lake Region		127	103	28	6	8L3
Georgian Bay.	•	126	93	*N 3	1	1 81 6
Ottawa Valley,		111	92	20	•)	0.5
Upper St. Lawrence		111	93	19	2	89.9
Lower St. Lawrence.		118	5913	20	8	84.7
Gulf,		120	9+	Q-2	8	81.2
Maritime Provinces, West		122	101	П	10	8713
Maritime Provinces, East.		122	92	21	9	\$1.0
Total		1327	1021	13-3-3	81	<b>%</b> 33

In order to obtain the percentage of verification of the productions, the number partly verified is divided by two and added to the number fully verified, and the result divided by the total number issued.

In ascertaining to what extent the predictions have been verified, the reports from the agents at all observing stations, as well as the telegraphic reports, are used.

R. F. STUPART.

Director.

Meteorological Office, Toronto, 9th December, 1907.

#### DEPARTMENT OF MARINE AND FISHERIES, CANADA.

METEOROLOGICAL SERVICE.

## Monthly Alexthen Review.

VOL. XXXI.

NOVEMBER, 1907.

No. 11.

#### INTRODUCTION.

In compiling the present Review the principal data made use of are the telegraphic reports of observations received at this office for the purpose of weather forecasting, and reports by mail from voluntary observers and storm signal agents. For the material used in tracing the paths of areas of high and low pressure in the United States, we are indebted to the Chief of the Weather Bureau, Washington, D.C.

#### REMARKS UPON THE WEATHER.

The weather on the lower mainland and Islands of British Columbia was quite mild up to the 16th, after which somewhat lower temperatures set in and continued almost uninterruptedly to the end of the month. In most districts the mean proportion of bright sunshine exceeded the average, but there was much dull weather with frequent precipitation during the first week also during the third and last weeks. Light snow was recorded at some places on the mainland late in the month, but it soon disappeared. On the upper mainland with the exception of some cool weather on or about the 11th, or 12th, high temperatures prevailed up to the 17th. After the latter date it became somewhat cooler and continued so to the end of the month. The precipitation which was light in most localities and included some snow was recorded chiefly during the first week and from the 16th to 30th. The intervening period was comparatively fine but the mean proportion of bright sunshine was below the average.

In the Western Provinces the weather was exceedingly mild throughout the greater portion of the month, low temperatures at night, however, were of frequent occurrence and the daily range then recorded exceeded 30° in many instances. Fine weather with much bright sunshine was general and with the exception of a little light snow or rain at some stations on or about 3rd, 6th, 10th, 16th and 28th, precipitation was practically absent.

In Manitoba the weather as in the provinces immediately to the westward was unusually mild, nevertheless cold weather was recorded between the 11th, and 19th, and during the last few days when upon several nights temperatures below zero were reported. The precipitation, which varied considerably with the district, occurred chiefly on or about the 5th, 9th, 10th, 11th, 14th, 18th, 21st. 27th and 29th, and in the aggregate was quite light at most localities. Some fine weather occurred during the intervening periods, and at Brandon the proportion of bright sunshine exceeded the average. Owing to the open condition of the season ploughing was possible up to the 13th.

The weather in Ontario was mostly wet and mild during the first ten days after which somewhat finer weather set in and continued to the 20th. On the 21st, it became more unsettled and showers of rain or snow were occasionally recorded up to the end of the month. From the 18th to 27th, the weather was milder than that of the previous week, but on the last two or three days of the month it again turned colder. Sharp frosts were recorded about the 11th to 17th. On the last day of the month there was a light covering of snow in northern districts and a still lighter covering in the southern portion of the Province.

In the Province of Quebec the weather was quite mild up to the 11th and comparatively cold during the remainder of the month excepting on or about the 19th and 22nd to 24th when it was mild. The last day of the month was cold, and there were sharp frosts at night upon several occasions during the month. Dull weather prevailed and precipitation was frequent from the 3rd to 14th and 21st to 29th it being less frequent in eastern districts than elsewhere. On the last day of the month the ground was covered with snow to a depth of several inches.

In New Brunswick the weather was mild during the first ten or eleven days, also somewhat less so on or about the 14th and from the 16th to 26th. The nights, however, were generally cold and comparatively low temperatures prevailed during the intervening periods. Precipitation was frequent from the 1th to 11th and there were showers on or about the 26th and 29th snow occurring on the latter date. During the first two or three days and from the 12th to 25th there was much fine bright weather and the mean proportion of bright sunshine exceeded the average. Moderate south-east gales were recorded on the 3rd and 25th, and there was a heavy easterly gale on the 7th. Dense fogs were general on the 2nd and 23rd.

The weather in Nova Scotia was mild and open throughout the greater portion of the month and was more especially so during the first twelve days. Frosts occurred occasionally at night after the 12th but they were mostly light. Precipitation was frequent from the 4th to 15th, also from the 26th to 30th and included snow at some places on the 14th, 15th, 27th and 30th. Comparatively fine weather was general during the first three days also from the 16th to 25th. Gales were reported on the 3rd and 25th.

In Prince Edward Island the weather was mild up to the 12th, after which it became somewhat colder and on the 16th and 30th, quite cold weather was general. Frostsat night were frequent after the 10th. Much fine weather was recorded, but from the 4th to 12th it was mostly unsettled and showery, and from the 25th to 28th showers were also frequent. Snow was reported on the 12th and 28th.—F. F. Payne.

#### BAROMETRIC PRESSURE.

On the Pacific and Atlantic coasts the mean atmospheric pressure for November was supernormal, whilst elsewhere in Canada, with the exception of a portion of Ontario where the normal was just exceeded, values were everywhere subnormal, with the greatest deficiency over the Prairie Provinces. The extremes of departure from average were +0·13 of an inch at New Westminster, B.C., and Sydney, N.S., and -0·17 of an inch at Prince Albert, Sask.

#### HIGH AREAS.

Nine areas of high pressure were charted during the month, but with few exceptions they were not very energetic. The drift of areas into the United States Pacific States from the ocean, and thence across the southern portion of the continent was very marked, and there was a corresponding absence of important systems sweeping down from the far northwestern portion of the continent, and as a natural sequence few pronounced cold waves were experienced.

#### LOW AREAS.

Eighteen areas of low pressure were chartered during the month which is a larger number than is usually recorded in November. Their general track lay far to the northward, conforming to the conditions which had been existing for some successive previous months. Three areas first appeared in the Gulf of Mexico, two off the south Atlantic coast, one in the Pacific States, well to the southward, and the remaining twelve in the northwestern portion of the continent. Some few of the areas were of much importance, but the larger number were not very energetic.

#### WINDS.

In British Columbia, on Vancouver Island and over the mainland, the direction was variable with ten days with strong and eight with fresh breezes and one gale.

In Alberta, the south and west directions largely predominated, with eight days with strong and nine with fresh breezes and two gales.

In Saskatchewan, the south and west directions were the most general, with seven days with strong and eight with fresh breezes and two gales.

In Manitoba, the direction was chiefly northwesterly and southwesterly, with twelve days with strong and nine with fresh breezes and one gale.

In the Lake Region, the south and west directions were the most in evidence, with two days with strong and ten with fresh breezes and six gales, the latter occurring between the 2nd and 3rd, between the 6th and 7th, the 13th, between the 20th and 21st on the 26th and between the 27th and 28th.

In the Ottawa and Upper St. Lawrence Valley, the direction was more or less variable, favouring the westerly with four days with strong and twelve with fresh breezes and four gales.

In the Lower St. Lawrence Valley and Gulf, the westerly direction was paramount, but the south, north and east, were all much in evidence. There were thirteen days with strong and six with fresh breezes and four gales, the latter occurring between the 3rd and 4th, on the 7th, the 14th and between the 26th and 27th.

In the Maritime Provinces the direction was very similar to that in the Lower St. Lawrence Valley and the Gulf. There were six days with strong and thirteen with fresh breezes and three gales, the latter occurring on the 3rd, between the 6th and 7th and on the 25th.

The gales which were experienced from the Lake Region to the Maritime Provinces were not as a rule of severity; on the contrary they were for the most part of a moderate type. They were duly warned except the moderate gale which prevailed in the Gulf of St. Lawrence on the 14th.

#### BRIGHT SUNSHINE.

Generally speaking the duration of bright sunshine did not vary much from the average over the Western Provinces, but there was a deficiency of from 2 to 7 per cent of the possible in both Ontario and Quebec, the number of hours of sunshine ranging between 50 and 66. In the Maritime Provinces an excess was registered at Fredericton and Charlottetown; the former station recording 102 hours and the latter 104, and similar conditions probably obtained also in Nova Scotia. The largest number of hours of sunshine reported was 134 at Medicine Hat, and the least was 41 hours at Agassiz, B.C.

#### TEMPERATURE.

The mean temperature of November was higher than the average throughout the Western Provinces and in British Columbia, the widest departure about 10° occurring in Alberta and Saskatchewan. In Ontario, east of Lake Huron and north of Lakes Erie and Ontario, the departure was very generally negative by 1 or 2 degrees, while in Quebec and the Maritime Provinces the mean of the month ranged from just average to 2° above. From Ontario to the Maritime Provinces there were but two fairly pronounced cool periods, namely, from the 12th to 16th, and again during the last few days of the month.

The Highest and Lowest temperatures in each Province during November, 1907, were:

	•	
Yukon Territory,	50° at Carcross on 11th,	-18° at White Horse on 6th.
British Columbia,	69° at Agassiz on 22nd,	- 4° at Golden on 27th.
Alberta,	70° at Lawrence on 3rd.	— 6° at Lawrence on 27th.
Saskatchewan,	62° at Gatesgarth on 6th,	— 8° at Waseca on 13th.
Manitoba,	57° at Oakbank on 1st,	= 17° at Oakbank on 29th.
,	Morden and St. Albans o	on 6th,
Ontario,	58° at Welland on 2nd,	— 1° at Lake Talon on 20th and Rockliffe on 29th.
Quebec,	57° at Cape Magdalen on 3rd,	5° at Brome on 30th.
New Brunswick,	62° at Sussex on 2nd,	- 8° at Moncton on 29th.
Nova Scotia,	67° at Port Hastings on 1st,	-16° at Parrsboro on 17th, and Windsor on 16th.
P. E. Island,	59° at Hamilton on 4th,	—19° at Summerside on 17th and 29th.
	PRECIPI	FATION.

#### PRECIPITATION.

The precipitation was heavy over the Lower Mainland of British Columbia and comparatively light on the Upper Mainland, 13·2 inches were recorded at Vancouver, 8·6 at Agassiz, and but 0·5 at Kamloops. In the Western Provinces it was almost nil, ranging from just a few snow flurries in Alberta to an aggregate of 0·15 rain and about 4 inches of snow in Manitoba. Over the greater portion of Ontario the precipitation was part rain and part snow, but chiefly the former. It was fairly generally in excess of the average except near the shore lines of the lakes, where there was a small deficiency. In Quebec and the Maritime Provinces departures from the average amount were not pronounced except in Prince Edward Island, where the quantity recorded was much below average and decidedly less than in New Brunswick and Nova Scotia.

#### DEPTH OF SNOW.

At the close of the month there was a slight covering of snow over the whole of Quebec and over the larger portion of Ontario, while in parts of this latter Province east and north of the Georgian Bay as much as 12 inches was reported. In northern New Brunswick there was also a slight covering, but further south and including Prince Edward Island and Nova Scotia there was but a trace here and there. In Manitoba there was from half an inch to 2 inches, but further west all the prairie lands were quite bare as were also the lower levels in British Columbia.

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA NOVEMBER, 1907.

a Barometer not reduced to Sea Level. Stations not furnished with Registering Thermoneters.

		no for d) in select exact that he of in order to of exact the of exact to the of exact the of		21 g 6 t 3 1811 g n g	### ### ###				100 100 100 100 100 100 100 100 100 100	- - - - - - - - -	2 1 - 3 2 5 5 2 1 - 3	- 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0	1 + 0 2 + 0 2 + 0 2 + 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20 5 20 5 20 5 20 5	712 712 713 713 713 713 713 713 713 713 713 713	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		10.20 to 10.8
	IFATION.	Dith rence from average. Heavivest (all thorat in		100 100 100 100 100 100 100 100 100 100	1 8 A	72	2 8		71815 2 2 2 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5		20 E	12121	=		1 1	550 550 500 500 500 500 500 500 500 500	= =	554		0.00
	PREKUTTA	inomy.		52 = /	TES	25 22		5 5	ME'S ses	E 4	475		125				848 :		548 =		1.71
	FY 03-	relocity,  Tatte and direct from from																			
	VELOCITY WIND.	per hour.																			
		Total number of observations.			88				ā		Ē	63/10	ē			3			78 - 75 28 - 75		
		C.		•	?1=				21		-	=	-						es to		
7	FIROM	Z/IL			2019				=			=	=			-			21		
1000	WIND	11.			-1-				_		24	***	_			=			24-		
1	OF WI	3.11.8			= X				25		73	1-	5			=			E8		
11K 1 IN					22							_	21			- -	-		=======================================		
Elst orthig	DIRLCTON	SE		•	==				-		2	71	===			=			<u> </u>		
Trenge.	=======================================	E			-=				3		=	-	100			28			nu		
W)(J)		N'E'			w -				=		=	=	22		:	=					
Buca		elonded,			mia				x		У	=	21	1	3	e . =			<b>₽.</b> <u>₽</u>		
41111		Mean amount of clond.			===				C		t =	1 =	1.			-			(t-t-		
201		Mean relative							17		22	100	33			Ē			変 至		
2001	10 94	Mean temperatu dewpoint.																			
Start	1	Mean daily Tange.		- 51 - 51	13.15 14.15	=	= 2		2 W 21	3	Ē	===	211-Z	=			71 E M		Fra		E 2
		Date.		21	용된다	77	E 3	1 71	200	71	21212	15 41	5555	101	57513	555=	51515	5753			· ·
tievel.	2	Lovrest.		P. H.	8 21 E	=======================================			E E E	25.0	502		E 50				F F 19		878 M		1- X
150%	PERATURE	Date.		2.31	2-2	=	<u> </u>	71	-×-	7	真重さ	F 21	= 51-	1-		- to:	g	- 12	-2-		= =
97 1%	MPER	Highest.		100	253	0 19			845	= .4		HE	Sas		图图:	828	5163	言語	5 - <del>-</del>		B. 9.
	TEMI	Years observin		25	31 <u>2</u> 4	0			===	1-	× 23 =	1-	_	21	20 to 1		284	-21			- m
aor r		Difference from average.		96 P	-t-1-X	2.		~1	1- 	21	F-217		23	01	- Open	-611	ope op	-6			- i - i - i - i - i - i - i - i - i - i
erer		Мевп.		31	555	=	e	24		=	261	=4	8==	123	THE	= 2 2	1 - 3 3 2 2	HR.	%t=		- t-
a rarometer not require		Range.	Ė		88				- <del>-</del>		Ž	72 O	9			Ē.			リテ		
2	CRE	Lowest,	Ξ.		155 55		٠		1 18 65 55 18 66		THE SEC. SEC. SEC. SEC. SEC. SEC. SEC. SEC	90 E	7630 38 28 77 1 61			5 5	:		20 20 20 20 20 20 20 20 20 20 20 20 20 2		
	PRESSURE	Highest	ë.		52				- 3		53	31 32	26 E			5			99		
	==	Mean reduced.	ii.		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				8 8		100 M	28 0.56 32 22 35 0.00 0.00	E E						2.2 2.2 2.3		
1		level, in feet.	-	意味	三克·克·克·克·克·克·克·克·克·克·克·克·克·克·克·克·克·克·克·	223	200	228	100				181	2000		1	72E	1100 2681	628		1200
	11:3-	Congitude W.		25	<b>新型型型</b>	n=1515	11512	as:	Ē ₹i 3		55 55 55 55	- 175 75	51.55	F112 1	E # :	EZE	298	9 10			1 12 2 2 2 1 1 1 1 2 1 2 1 1 1 1 1 1 1
				15 12	34E5	1222	325	==			371			58	8 = 3	4.22	222	(a - )	======		
		Latitude N.		33	전유성정(I		<u> 18</u> 2	15.5	288	328	ERE	222	27	227	श्च	525	हात्त <u>्र</u> इ	EE:	Seres		- 28
		81 A TION.	BRITISH COLUMBIA	Afficial dans of Creek	Armanner Barkerville Bella Caola Bullion (Quesnelle Forks)	sambed hilestin dig Creekt. hilliwack bryoquot.	owichin (Tzonhalem). Inpresent	The letter.	Tedley . Redley (Nickel Plate) Namidopps	Andrey Makert, O.C.1	S. Campillo	Yes Westminster.	Okamagan Mission . Port Stapson Pentiston	Princeton Pilot Bay, Post Perinceton	Quesnelle Revolstoke	Rosshini Steveston (Ourry Point)	Stungt's Lake (FrtSt. James) Salmon Arm Spence's Bridge	Finance Phins.	Theth sland Vernon (Coldsfream I.) Vetorin, Vancouver., Winter Rarbor	YUKON :	Careross Pawson White Horse
1	}		=								2					•				~	

		125					
200200000000000000000000000000000000000	0000 00-00	= -		= = =			0.0010
	3505 50005	77.5					====
58668688868666666666666666666666666666	 8888 88888	= · · · · · · · · · · · · · · · · · · ·	55555 C		5 4 5	新春 - 4 - 5 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6	6 68
######################################	50 m 10 00 00 00 m 51 m 50 m 50	21 -	2 3100 E		22 12 21 21	—— 21 23 21 21 21	0130 21 2121
788312 ISSI IS 78.28	382= 8895E	<b>5 5</b>	28 E	g E	3 2 =	<b>29</b> 8 6	원 공원
8 2 3 78 55 55 55 55 55 55 55 55 55 55 55 55 55		= ± ±			= = =	<b>5 5 5 5</b>	312
		E	1111	= :	= 1	= =	= 0
1228 HER ER 2236	<b>国際報報(将年2月</b> 9	= =	122 3		21 2 57	五高 岩 岩	ā 88
inhaba jarab sa sasa	2002 00000		'ba b	-			0 00
						:	
						bed Brid Brid	
<u> </u>	8	· 8 8	88	3 8	ē 8	18 3	8.8
्त = :१ (२ )१ (२ ) । श	27	¥ =	0.0	22 :12	A 2	-71 .22	= 5
			182	31 . 2		100	- 22
t = <u>21</u> -21 -∞ <del>- ∞</del> - ∞	9 :: 5	25 10		<u> </u>	क सद	·21 —— <u>×</u>	==
		- 12		-:	22		22.01
				<u>×</u> , ••			
31 - 31 - 6 - 5		; n - , ⊃ ;		× :	20 6-	- ; ; ;	S ==
	9 : : : E	gund , gund	- m	-1 -5	i m m	100	50
		<u> </u>	210	e *: .e	-	3	
<u> </u>	m :		=======================================	= 1 1 = 1=	= = ,=	- ×	
		- the test		·C 22	ବା ହ	21	≎1⊶
		_ : ° :			30 100	C - 01	
						11	.23 [
					x x 1-	·	
	2 22 FRES	E 5	2522 S	5 3 8	S 2 3	55 3 5 5 5	9 51 9 61
		1.5.4					
	***** = = ***	8 <u>2</u>	BEER B	<u> </u>	% m m	三名 四 表表:2	318 SE
		X 2		= .91 <u>1</u> = ·	5 6 6 7 E E		0001-
	m n 2 % 2 % n 5 %	\$ 5		P (2) (E)			0001
	m n 2 % 2 % n 5 %	X 2		D 21 D			0001-
		S 21	2000		9 9 18	0.0 0 50 0 22 2 2 2 22 2 2 2 22 2 2 2	0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
		S 21			0 0 0 0	0.0 0 50 0 22 2 2 2 22 2 2 2 22 2 2 2	0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	200 200 200 200 200 200 200 200 200 200	S 21			0 0 0 0	10 36 0 2 2 2 0 1 35 0	0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
+ 7 5 2 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6.5 8.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	101   16.58°0	8 8 9 9 6 0 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 55 0 6 2 2 2 6 1 1 0 6 1 1 0 6 1 1 0 6 1 1 0 6 1 1 0 6 1 1 0 6 1 1 0 6 1 1 0 1 0	+832230 5 5 15 -1 6122	+6 7 21 (690 2 2 2 9 0 1 1 2 2 0 0 1 1 2 2 0 0 1 1 2 2 0 0 1 1 2 2 0 0 1 1 2 2 0 1 1 2 2 0 1 1 2 2 0 2 0	7 6 22 65 0 1 17 0 +7 6 22 65 0 8 1 0 +7 6 22 65 0 6 -7 0 +1 9 21 51 0 6 10 7
+ 7 5 2 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6.5 8.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	S 21	8 8 9 9 6 0 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 55 0 6 2 2 2 6 1 1 0 6 1 1 0 6 1 1 0 6 1 1 0 6 1 1 0 6 1 1 0 6 1 1 0 6 1 1 0 1 0	0 0 0 0	+6 7 21 (690 2 2 2 9 0 1 1 2 2 0 0 1 1 2 2 0 0 1 1 2 2 0 0 1 1 2 2 0 0 1 1 2 2 0 1 1 2 2 0 1 1 2 2 0 2 0	7 6 22 65 0 1 17 0 +7 6 22 65 0 8 1 0 +7 6 22 65 0 6 -7 0 +1 9 21 51 0 6 10 7
31.0	25. 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	28/3   10/1   16.58/0   5   0/0   28	22.9 27.9 27.9 27.9 27.9 27.9 27.9 27.9	27.5 1,55.0 6 2.2 27.5 1,55.0 6 2.2 26.1 7,56.13,31.0 6 11.0	25'5 161'2 3 6.0 25'8 +8 322'30'3 5 115 27'257'1 2 6'3	20.6 1 1 22.0 1 8.0 2 2.0 2 2.0 1 2 2.0 2.0	25.5 + 7.6 22.15 0 1 17.0 25.7 + 5.9 22.53 0 6 17.0 21.9 + 1.9 21.51 0 6 10.7
31.0	25. 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	28/3   10/1   16.58/0   5   0/0   28	8 8 9 9 6 0 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	27.5 1.55.0 6 1.0 27.5 1.55.0 6 2.2 2671 7.6 18.39.0 6 1.0	25'5 161'2 3 6.0 25'8 +8 322'30'3 5 115 27'257'1 2 6'3	20.6 1 1 22.0 1 8.0 2 2.0 2.0	25.5 + 7.6 22.15 0 1 17.0 25.7 + 5.9 22.53 0 6 17.0 21.9 + 1.9 21.51 0 6 10.7
31.0	25. 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	28/3   10/1   16.58/0   5   0/0   28	22.9 27.9 27.9 27.9 27.9 27.9 27.9 27.9	27.5 1.55.0 6 1.0 27.5 1.55.0 6 2.2 2671 7.6 18.39.0 6 1.0	25'5 161'2 3 6.0 25'8 +8 322'30'3 5 115 27'257'1 2 6'3	20.6 1 1 22.0 1 8.0 2 2.0 2.0	25.5 + 7.6 22.15 0 1 17.0 25.7 + 5.9 22.53 0 6 17.0 21.9 + 1.9 21.51 0 6 10.7
31.0	25. 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	28/3   10/1   16.58/0   5   0/0   28	22.9 27.9 27.9 27.9 27.9 27.9 27.9 27.9	21.5 + 1.620 and 6 = 2.2	25'5 161'2 3 6.0 25'8 +8 322'30'3 5 115 27'257'1 2 6'3	20.6 1 1 22.0 1 8.0 2 2.0 2.0	25.5 + 7.6 22.15 0 1 17.0 25.7 + 5.9 22.53 0 6 17.0 21.9 + 1.9 21.51 0 6 10.7
0.52 29:52 (***) 31:1 (***) 25:50 0.51 29:51 (***) 21:1 (***) 25:50 0.51 29:51 (***) 21:1 (	25. 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	28/3   10/1   16.58/0   5   0/0   28	22.9 27.9 27.9 27.9 27.9 27.9 27.9 27.9	21.5 + 1.620 and 6 = 2.2	25'5 161'2 3 6.0 25'8 +8 322'30'3 5 115 27'257'1 2 6'3	20.6 1 1 22.0 1 8.0 2 2.0 2.0	25.5 + 7.6 22.15 0 1 17.0 25.7 + 5.9 22.53 0 6 17.0 21.9 + 1.9 21.51 0 6 10.7
0.52 29:52 (***) 31:1 (***) 25:50 0.51 29:51 (***) 21:1 (***) 25:50 0.51 29:51 (***) 21:1 (	28.0 28.1 1.5 27.3 1.5 27.3 1.5 2.7 1.5 2.7 1.5 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	29.91.307.62 29.32 1.30 2.8 3 + 10.1 16.58 0 5 0.0 28	22.9 27.9 27.9 27.9 27.9 27.9 27.9 27.9	27.5 1.55.6 13.31.0 6 1.0	25'5 161'2 3 6.0 25'8 +8 322'30'3 5 115 27'257'1 2 6'3	20.6 1 1 22.0 1 8.0 2 2.0 2.0	25.5 × 183.0 1 17.0 27.6 +7.6 22.6 8 1.0 20.7 +5.9 22.63.0 6 -7.0 30.02.30.43[20:1119] 21.9 +1.9[21:51.0] 6 10.7
0.52 29:52 (***) 31:1 (***) 25:50 0.51 29:51 (***) 21:1 (***) 25:50 0.51 29:51 (***) 21:1 (	28.0 28.1 1.5 27.3 1.5 27.3 1.5 2.7 1.5 2.7 1.5 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	29°94 30°62 29°32 1°30 28°3   10°1 16 58°0 5 0°0 28°3   29°4 4°3°3 21 58°0 2 1°0 12	22.3 1 8.89.0 6 0.5 2.9 2.9 2.9 6 7.4 12.02.0 6 1.0 6 2.0 6 2.0 6 1.0 6 2.0 6	27.5 1 55.0 6 1.0	25'5 161'2 3 6.0 25'8 +8 322'30'3 5 115 27'257'1 2 6'3	20.6 1 1 22.0 1 8.0 2 2.0 2.0	25.5 × 183.0 1 17.0 27.6 +7.6 22.6 8 1.0 20.7 +5.9 22.63.0 6 -7.0 30.02.30.43[20:1119] 21.9 +1.9[21:51.0] 6 10.7
1,2,3,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4	28.0 28.1 1.5 27.3 1.5 27.3 1.5 2.7 1.5 2.7 1.5 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	(820 29 9) 3(762 2) 32 1 30 28 3 1 10 1 16,88 0 5 0 0 0 28 3 1 10 1 16,88 0 5 0 0 0 28 3 1 10 1 16,88 0 5 0 0 0 28 3 1 10 1 16,88 0 5 0 0 0 0 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	10.00   10.0	17.15 26.13 39.0 6 1.0 1884	1700 1132 (2018) 36 61 20 31 0 33 25 8 +8 3 22 50 5 5 1 5 1 5 1 15 185 30 0 3 73 20 51 122 27 2 57 2 57 1 2 0 3	1571 33 0 0 0 3 0 72 28 7 13 1 29	17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0
1,2,3,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4	28.0 28.1 1.5 27.3 1.5 27.3 1.5 2.7 1.5 2.7 1.5 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	(820 29 9) 3(762 2) 32 1 30 28 3 1 10 1 16,88 0 5 0 0 0 28 3 1 10 1 16,88 0 5 0 0 0 28 3 1 10 1 16,88 0 5 0 0 0 28 3 1 10 1 16,88 0 5 0 0 0 0 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	10.00   10.0	21 1884	1700 1132 (2018) 36 61 20 31 0 33 25 8 +8 3 22 50 5 5 1 5 1 5 1 15 185 30 0 3 73 20 51 122 27 2 57 2 57 1 2 0 3	1571 33 0 0 0 3 0 72 28 7 13 1 29	30 11 12 13 14 15 16 17 17 17 18 18 18 18 18 18 18 18 18 18
11   12   13   15   20   20   30   30   30   30   30   30	25 HH H	29°94 30°62 29°32 1°30 28°3   10°1 16 58°0 5 0°0 28°3   29°4 4°3°3 21 58°0 2 1°0 12	20 H5 0 INP 20 H5 0 INP 22 H2 53 B57	18.100 as 1715 21.105	1700 1132 (2018) 36 61 20 31 0 33 25 8 +8 3 22 50 5 5 1 5 1 5 1 15 185 30 0 3 73 20 51 122 27 2 57 2 57 1 2 0 3	150   150	17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0
1,2,3,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4	25 H H H	(820 29 9) 3(762 2) 32 1 30 28 3 1 10 1 16,88 0 5 0 0 0 28 3 1 10 1 16,88 0 5 0 0 0 28 3 1 10 1 16,88 0 5 0 0 0 28 3 1 10 1 16,88 0 5 0 0 0 0 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	12   103   1   1830   28   1   1830   6   0   5   2   1   1830   6   17   1820   6   17   1820   6   17   1820   6   17   1820   6   17   1820   6   17   1820   6   17   1820   6   17   1820   6	18.100 as 1715 21.105	1701   1702   20   20   20   20   20   20   20	1571 33 0 0 0 3 0 72 28 7 13 1 29	53. 97. 11 53. 97. 11 55. 19. 90 55. 97. 11 55. 19. 90 16. 19. 90 16. 19. 90 16. 19. 90 17. 19. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10
5.2 11.11 15.2 12.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13	54 0 (112.3) 50 26 111 11 51 27.3 52 16 113.19 53 26 113.23 53 26 113.23 54 2 111.38 55 26 113.38 55 26 113.38 56 26 113.38 57 26 113.38 58 26 113.3	13 102 17 1892 13 102 33 1960 13 102 33 1960 14 102 30 2346 29 102 35 1558 26 105 30 2342 27 105 30 2342 28 105 30 2342 29 105 30 2342	20 H5 0 INP 20 H5 0 INP 22 H2 53 B57	18.100 as 1715 21.105	1701   1702   20   20   20   20   20   20   20	19 107 55 218 30 04 30 72 29 13 1220 31 7 46 721 (610 9 2 2 0 0 10 10 10 10 10 10 10 10 10 10 10 10	53. 97. 11 53. 97. 11 55. 19. 90 55. 97. 11 55. 19. 90 16. 19. 90 16. 19. 90 16. 19. 90 17. 19. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10
5.2 11.11 15.2 12.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13	54 0 (112.3) 50 26 111 11 51 27.3 52 16 113.19 53 26 113.23 53 26 113.23 54 2 111.38 55 26 113.38 55 26 113.38 56 26 113.38 57 26 113.38 58 26 113.3	82 11 (108 20) 1620 29 91 30 62 20 32 1 30 28 3   10 1 16 58 0 5 0 0 0 28 20 10 28 20 10 28 20 10 28 20 10 28 20 10 28 20 10 28 10 20 10 20 20 20 20 20 20 20 20 20 20 20 20 20	10   10   10   10   10   10   10   10	18.100 as 1715 21.105	1701   1702   20   20   20   20   20   20   20	19 107 55 218 30 04 30 72 29 13 1220 31 7 46 721 (610 9 2 2 0 0 10 10 10 10 10 10 10 10 10 10 10 10	53. 97. 11 53. 97. 11 55. 19. 90 55. 97. 11 55. 19. 90 16. 19. 90 16. 19. 90 16. 19. 90 17. 19. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10
5.2 11.11 15.2 12.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13	0.085   0.000	10   15   102   17   1882   1882   1882   1883	10   10   10   10   10   10   10   10	38 18 100 0 1023   1715   27 5 1 55 6 13 30 0 0 1 1 0 1 1 0 1 1 1 0 1 1 1 1 1	1701   1701   1702   25 6   1 61 2   3 6 0 0   25 6   1 61 2   3 6 0 0   25 6   1 61 2   3 6 0 0   25 6 0   25 6 0 0   25 6 0 0   25 6 0 0   25 6 0   25 6 0 0   25 6	50 20 107 55 123 30 14 30 772 28 13 123 3 3 7 46 721 60 0 2 2 2 0 5 2 55 100 5 5 0 2 10 10 7 55 123 30 14 30 772 28 13 123 3 3 7 7 46 721 60 0 2 2 2 0 5 10 10 10 10 10 10 10 10 10 10 10 10 10	51   52   52   53   54   54   55   54   54   55   55
Landing, 55 1 8 113 17 1650 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.085   0.000	18   15   102   17   1882    1880   29   91   31   62   29   32   33   10   16   58   0   28   3   10   16   58   0   28   3   10   16   58   10   28   33   1940   33   1940   33   1940   33   1958   30   30   30   30   30   30   30   3	10   10   10   10   10   10   10   10	CT. 33 18 140 0 6 10 0 10 10 10 10 10 10 10 10 10 10 10 1	1701   1701   1702   25 6   1 61 2   3 6 0 0   25 6   1 61 2   3 6 0 0   25 6   1 61 2   3 6 0 0   25 6 0   25 6 0 0   25 6 0 0   25 6 0 0   25 6 0   25 6 0 0   25 6	50 20 107 55 123 30 14 30 772 28 13 123 3 3 7 46 721 60 0 2 2 2 0 5 2 55 100 5 5 0 2 10 10 7 55 123 30 14 30 772 28 13 123 3 3 7 7 46 721 60 0 2 2 2 0 5 10 10 10 10 10 10 10 10 10 10 10 10 10	15   15   15   15   15   15   15   15
Landing, 55 1 8 113 17 1650 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.085   0.000	18   15   102   17   1882    1880   29   91   31   62   29   32   33   10   16   58   0   28   3   10   16   58   0   28   3   10   16   58   10   28   33   16   34   34   34   34   34   34   34   3	10   10   10   10   10   10   10   10	CT. 33 18 140 0 6 10 0 10 10 10 10 10 10 10 10 10 10 10 1	1701   1701   1702   25 6   1 61 2   3 6 0 0   170	rent 50 20 1175 5 2183 30 04 30 72 29 13 1 29 31 7 +6 7 21 (61 0 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15   15   15   15   15   15   15   15
Landing, 55 1 8 113 17 1650 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.085   0.000	18   15   102   17   1882    1880   29   91   31   62   29   32   33   10   16   58   0   28   3   10   16   58   0   28   3   10   16   58   10   28   33   16   34   34   34   34   34   34   34   3	10   10   10   10   10   10   10   10	CT. 33 18 140 0 6 10 0 10 10 10 10 10 10 10 10 10 10 10 1	1701   1701   1702   25 6   1 61 2   3 6 0 0   170	rent 50 20 1175 5 2183 30 04 30 72 29 13 1 29 31 7 +6 7 21 (61 0 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15   15   15   15   15   15   15   15
5.2 11.11 15.2 12.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13	54 0 112 31 50 26 111 11 51 0 112 11 52 16 113 19 53 26 113 23 2180 53 26 113 23 2180 54 26 113 23 2180 55 26 113 23 2180 56 26 113 23 2180 57 26 113 23 2180 58 26 26 26 26 26 26 26 26 26 26 26 26 26	13 102 17 1892 13 102 33 1960 13 102 33 1960 14 102 30 2346 29 102 35 1558 26 105 30 2342 27 105 30 2342 28 105 30 2342 29 105 30 2342	10   10   10   10   10   10   10   10	F. 33 18 110 0 6 170 6 1	1701   1701   1702   25 6   1 61 2   3 6 0 0   170	19 107 55 218 30 04 30 72 29 13 1220 31 7 46 721 (610 9 2 2 0 0 10 10 10 10 10 10 10 10 10 10 10 10	51   52   52   53   54   54   55   54   54   55   55

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, NOVEMBER, 1967.

a Baronecter not reduced to Sea Level. \* Stations not furnished with Registering Thermometers.

D					1217						
2911110	No. of thunder st	= 50	D 212	2	000		201100	.00,000000		1000	20
	No. of auroras.	==	- 20 2	=	-======================================	==-=	======		21==	====	==
. 2300	Onys with '01 or a	31%	5 54	-1	73 8		교육실등	되으므스레스웨트등 기타보역이 시설부터의	265	지스크림 스킨트의	E 55
,-	dimens a.	長五	5 88	å	E= 1		2242A	033785888	_	26.22	22
TIO	Hearing H	- = = =	51 51=	24	== -	- ::		21222-222	=	735	- :
T Y	Hill rence from	1 =	2 221	20	- 1		##5 H	83 25233 2- 2-2-2	2 2 2 2		2 10
PRECIPITATION		ma	9 88	71	2.0 =	7495	BRRRR	5745448433	577	7338	9.5
7	.htmom/.		= ==	=	=- :	1 21265	1811: m 1 -		010101	71 7171	110
<u></u>	mort noi)					i.	= =	15		5	
360 A	-oorib ban stad				66.	ī	7 / 15 m	~		Š	
ELOCITY WIND.	Highest days				:	= =		~		-	
VELY	her hour.										
	Mean miles					_	= =			_	
	Total number Anollavando lo	燕	ā	ē	2 3	3.	5 E 5	8533435	ā ā	Rea	
	c.	=	12	v	y	· 4.	₩ Y (*	2222-22	21 =	2-2	
FROM	Z:II;	posts pasts	o pro repor planti	Ξ	57 - 12	2	× = =	x 22 211 − a1 to 15	E 71	\$ x 12	
	11.		J.	-	21 .5	-	<u> </u>	Engineer	<u>=</u> 0	2 -1-	
WIND	3.11.8	γ.	33	1-	10 9	1 : 2	2121 1-	###-###	9 5	# 1- E	
OF		29	2	21			1-12		X 21	± → 21	
				-				, TEST-50 -00-00	- 11	9:10	
DIRECTION	"H'S										
) III	.3	21	21 -	-	= =		M 3. 3	na-mar-e	(3 3)	55 — 55	
	N.E.	-	-	-	71 =	-	22 22	- 0101 01	71 0	z. <del>–</del> m	
	'N	-	21	ones t-ma	T1 9	21	10.00 23	12 T to 12 (- 2) 57	2 2	= (2.2)	
(1222	clouded,		- 21 -	. 25	<u> </u>	: <u>z</u>	2 1	2-2		= 5.	
2[9]9[	cloud,		11-		-	· 2.	1- 7	_		SC.	
	Mean amount of										
	dewpoint,							4			
lo 91	Mean temperatur	:									
	Mean daily	945 242	8 이번 일 경임	2	F-22 E		500000	5155 5152 TS	-225	NO STEE	=
	Date.	डीडी	3 aa	50.0 0.0 0.0	22 2	<b>=</b> 888	TRREA	9 <del>5</del> 888==298	至121-	2222	ā=
		9.9	- a = p	=	PP M			eyessesses	===	====	= =
12.E.	. Lowest,	mt [-	x x m .	23	ne r	hene	nn-xh	-255822822c	254	12525	25
RRATURE	.oneO		5 5-	_	71-	010101	취임취임트				
	.tsadgill	To a	5 55	in				×========	-==	F 7 7 E	
Treat	Hansabservin	18 to	E 128	日記	2	# #488 # AMP #	85845	高級商品商品商品商品 四級市品商品商品商品	585 585	- 京田田田	22
	from average.		8 88 H	H 1 9	75 F	7 7 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	825 825 825 835 835 835 835 835 835 835 835 835 83		71-77	888 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	E E E
	ээпэтэйіЦ	4 .	G 21%	-			jawa mam		W = 1-	a 2 ==	- 21
	Мевп.	· 85	5 55	59	22 E	RENE	#####	RESERVE	M 2 1-	2222	EE
RE. TEM	Капде.		0.00 700 700 700	21	2		Ξ			E X	
ai ai			1 18	71.4 (F. 19 (F. 8). (F.	_			21 1 82 (3 02 03 (02 04 08 ) 08 (1 08 ) 08 (		= % = = = = = = = = = = = = = = = = = =	
PRESSURE	.J.97(0.1	Ë	1 16.85 (8.65 11.85	70	1 H 67 OC 63 In 68		3010[30 5] 29 [31	5 S		2.21	
RES	JeodaiH	. <u>.</u>	· · · · · · · · · · · · · · · · · · ·	=======================================	2		77	是 <u></u>		==	
-	Mean reduced.	i	77	8	275 287 27		=	3 5		20 to	
-	11221 111 1121 11										
1799	Elevation above a bytel, in feet.	芸芸	95525	5F	EBESS	1338	eser se	3 46843	8,58,89	EX HERS	473
	Longitude W.	- 555		21-		128828		Z888885==5Z			
		SSE	BRESHS				9292229 576-55-				
	Latitude N.		8-14-35 22222		848385 848385	122222	869328. =======		20001010		
		Speed Speed Street									
			2								
	ż		3111				tues.	one tool			
	TIO	, on	Yrati VAW Italia			7	1 4	3			
	8TAT10N	اً إِنَّ الْمُ	E 2 2 3 3 3	14	Thin thin		HE TO SEE THE	Yarka markay	404H	TWE	111111111111111111111111111111111111111
	602	MANITOHA CON Morden Oukburk, Oakdale Berk	Pipastone, Portage la Prairie Pierson ost, Albans (Awenret, Story Mountain Trebreme,	Virden Winnipeg.	Copper Cliff Kenger Fort Arthur Savanie	Rarrie Bala Realtire Bruce Ames	Collingwood Collwater Cockborn Island Gravenburs Huntsville.	Lastown (Talvin) Lasto Talon (Talvin) Laston (Talvin) North Bruce Opellia Opellia Voint (Turk Southwigten Southwigten Suthon Mest	Rirnata	London Fort Stanley Fort Dover. Port Harwell	- x =
		Mordon Ondebut		Vinden Winnip STARIO	Kersons Fort A	Salario Sentrio Finta			Figure Brantfor Schuld		Paris Paris Surmin
		Z	2	=							- 74

÷	,	_
ш	,	1

	<u>-</u>		
	=====		
<u> </u>	=	SSS SSET STITE	h 353555
5086588653	13	- SEPRING 9889 HISEPS	= 84E99E
23 28 9 8 27 9 88 78885	- 3	55 5 FAT 6	E 7 525
	-		A = ==9
87:585441 97:5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	9	128826288 EXXCA	2 016822
	80 N	7 X	\$3 
	=		 2
	<u> </u>		
	III		* * pod * pod
		-88888888	B 8 48 8
		(Homogoni oc	——————————————————————————————————————
			m _= _90 ~
			the state of the s
	9 :	್ಲಾ ಕ್ಷಾಂಪ್ ಕ್	
	<u> </u>		- 50 2 -
			- 73 - 75 CH 10
8 1 1 1 2 4 2 1 1 2 4	**************************************	- 5 10 00 00 00 00 00 00 00 00 00 00 00 00	y = 1++ 3
		50-00057 -5	o x oin −
<u></u>		ax ochicke +o	
(3) (3) (4) (5) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7			
**	2	6 - 6 2 - 8	m   m   m   m   m   m   m   m   m
	×		
	1= in	The Vie mineral	9 +0 +xx
	<u> </u>	######################################	2 23222
	£ .		
等型(整部兩個超過超過表現等)。中间是中央市場中央中	\$	हिन्द्रमध्येष्ट्र सहस्रम	言いるである自己
न्त्र अध्यनभूकेन । अध्यननभूक्त	- :	10 - 51 m m m m m 12 12 m 21 51	
	9	Calchina www. Combia	
## ###################################	- 61 9.1	2	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
11 + 1	9.	-D01 NHNH-D H	# 2000HOH
**************************************		1 (	8 388888 
86 - X - F C C X 2 C C 2 C C C C C C C C C C C C	31		
		1 8 B 1 E	31.05 30.51 29.36 1.15
E		30 (3 29 H )	
- <u> </u>		313151 221351	- 2 2
30.01 30 15 29 34 1 105 30.01 30 16 29 34 1 105 30.02 30.62 29 14 1 48 30.02 30.65 29 15 1 38		3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3	3 + 03 30 - 51 30 - 05 3 - 55
30, 16, 30, 53, 33, 34, 37, 38, 39, 31, 39, 30, 39, 39, 39, 39, 39, 39, 39, 39, 39, 39		종류 휴	
119.0 18.0	[ <del>8</del>		- 588
	21215 51205	3名を投票品で立る主義の理論で	PRESENTERS
######################################	200	17758788788785878	99888888888 ***************************
######################################		######################################	25% 0 =
79		Sing Sing Sing Sing Sing Sing Sing Sing	× · · · ×
module with the second of the			wale
Pd P	7	HE DESCRIPTION OF THE PROPERTY	res Name of the party of the pa
NTARIO—Conclud Stratford Stratford Waldand Woodstock Wickland Wildsor Wildsor Wildsor Waldarechurg Agincourt Bloomfield Fings for forto Cludar Port I Jope Toronto Kangelou Lakeside I Lome Lakeside I Lome Cludar Londar Londar Lindson Linds	EBEC- Abitibi Anticos	Anticosto, S. W. Fond, Mird Racks. Bird Racks. Birquet Bround Glanke City. Cupe Chatte. Cupe Chatte. Cupe Angladen Father Point. Montreal. Pergebiae Ferger Forger St. Anne de Bellevin Shrebtooke. St. Anne de Bellevin Shrebtooke.	Ew Breenswick Batharst Chatham Dalhousie Fredericton Moreton Moreton Point Leprentx St. John St. Stophen. St. Stophen. St. Stophen. St. Stophen.
ONTARIO—Concluded. Stratford. Stony Creek. Woodstock. Woldsor Wolfaceburg. Arindsor Bloomfield. Bloomfield. Bloomfield. Bloomfield. Bloomfield. Bloomfield. Confact. Bloomfield. Bloomfield. Bloomfield. Bloomfield. Bloomfield. Confact. Contary. Con	QUEBEC Abitib	Anticoob, N. Point, Bird Rocks, Bird Rocks, Bird Rocks, Bird Rocks, Bird Rocks, Clarke City, Clarke City, Clape Chatte, Cape Magdalon, Father Point, Paspebiae, Perer Pe	New BRUNSWICK Bathurst Chattam Dalhousie Fredericton Grand Manan Moneton Toint Leprentix St. John St. John St. Stephen. St. Stephen.
3	9		

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, NOVEMBER, 1907.

a Burometer not reduced to Sea Level. \* Stations not furnished with Registering Thermometers.

	S207 JD - N _	- 25mm no mm	-22		G 5
is mini	Zo, of thunder ~	0 0000 00 07	===		=
	No. of fair days.	2 3 27 22 32	등장등 등기를	923T	55
adout	10 10' dira 2 (a)	2 / 22 II 72 14 82 88 88	16714	8283	=
E N	History of the	01 01 I-	2 = =	21-2-	= no 1 %
PRECIPITATION	average,	= 4 98 m 97	24 mm	5 515	Ç1
=======================================	mod) was a still	2 21 48 210 SN	268	2375	9-
TEE	-Junounk	c of the end one	- 0101	17. 71 -1 C	_
	tion from	7.		7	
÷	-both ban shal	1*			
ITY ND:	velocity.			=	
VELOCITY WIND.	Highest day's			ont ont	<del></del>
> E	Alean miles, and red				
-	anolinated to	8 8 88 8 8	3.0	23.33	3
	Total number	2 2 -31 <u>12</u> 2-3	m =		-
8	.9	x = 0x 0 = ==		=221-	
FROM	X.W.			8020	
	11.				15
WIND	3.11.3	51 5 Ex 2 85			<b>**</b>
o v	·s		- 0	21 00 2 00	
DIRECTION	ES	# # # B   # # # # # # # # # # # # # # #	15 5	2500-10	oc
RECE	34	(m 2 -1- t 5 mm		85	×
1 5		चना हाहिको चात		-010101	=
	N.E.	E E me e 1-15	20 21	-=210	62
	N'		9	· · · · · · · · · · · · · · · · · · ·	
51919	No. of days comple		<u> </u>		
	cloud,	1		1=	<u> </u>
	humidity.				:
	dewpoint.			: .	
JO 8	range,   Mean temperature		12 Page	5 -	2
	Mean daily	2 8735 F3 32 1 152 F1 3	2== 258	2 2 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	<u> </u>
	.91sU		421-		
	Lowest.	9 3288 as 82	55.5	######################################	0.08
CRE	156.101	-9	m - m		
Temper vione	.bate.				Taligo as
1 2	Highest.	28. 88. 88. 98. 97. 4. 00.00 00. 00.	888 999	2 X 12 X	9.92
1 3	Zents observin	2 1 1 2 2 2 2 2 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5	× 5, % ≅ x	215,518 5-21-	2
	from average.	######################################		5-77	0
	Difference	5 28 88 2 88 89 0 1	9150 RRR	++++-	91 2.0 + 8.89
=	Мевп.	# ####################################	RHH	8555	
=-	Range.	10 10 1	20	: : : <u>=</u>	8
			2 : :		9.
Pavastrak	.129770.1		<u>\$</u>	- ::: · · · · · · · · · · · · · · · · ·	8
20 2	Hughest.	## ## ## ## ## ## ## ## ## ## ## ## ##	B :		8
à	ylean reduced.	30°05 30 55 29 18 3 07 30°19 30°40 29 30.1°10 30°05 30°57 29 13 1°14	30-06 30-16 1-15	(S) (S) (R) (S) (S) (S) (S) (S) (S) (S) (S) (S) (S	151 (30 13/30-29/29/90 0-39
-		*	<u> </u>	중 중 위	<u>a</u>
1 12	Elevation above sea level, in teel.		<u> </u>		
1	"// obutingo.l	. %%###################################	282 282	######################################	
1	.II abatima		=82 888	名は名は表	La La
1	N abutitual	-mm-scccamparass	222		23
=					1
		3.5			
	**			1 1	
	101	· · · · · · · · · · · · · · · · · · ·	WII.	MAN DE LA COMPANSA DE	
	#TATION	MIL Stin	N.D. ector	Point Street	ا ا
	E a	September 2 Septem	st.,v	o Hill Had	tun:
		Nova Scorta - Bridgetown Halifax Halifax  The Hastings Fort Hastings Fort Hastings Sydney Sydney Sydney Mindso Wolfeille Wolfeille Yarmouth	P. E. Bsland Charlottetown Hamilton Summerside	Nigwfortyphann Amour Point of Charmell Copic Norman Toolil Rich, St. John's.	Bereatura. Prospect
		2 エーニールルボニーン	<u>-</u>	7	ž ,

## PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER, &c., DURING NOVEMBER, 1907.

	RAINFALL SNOWFALL												
		RAI	NFA	L L		2	SNOW	FALL					
STATION.	Amount in inches	No. of Days, '01, or over	Fair	Heaviest Fall in Month	Date	in		Heaviest Fall in Month	Date.	REMARKS.			
British Columbia -	in.			in.		in.		in.					
Alberni (Somas River) Beaver Lake Coquitlam Denman Island. Goldstream Lake Hartley Bay Hornby Island Naas Harbour Nanaimo Swanson Bay	16101 5160 15134 9155 13142 15181 4122 15184 6174 31189	21 17 16 17 22 16 7 19 9 25	9 13 14 13 8 12  8 21 5	2:53 0:75 2:05 1:92 1:71 2:50 1:88 1:42 2:20 3:53	28 23 27 28 27 29 15 28 7 16 28 7	310 110	2 2 3	2.0	25 25	3 Fogs. 1 Fogs. Thunder I th.			
Alberta-								1					
Bardo Beaver Hills, W Bismark Bruederheim Bittern Lake. Coutts.	0:00 0:03 0:01 0:06	0 2 1 1	30 27 29 25	0°00 0°02 0°01 0°06	16 4 16	- W · · · · · · · · · · · · · · · · · ·	1		2 i6	No Precipitation during month.			
Clover Bar Conjuring Creek Dorenlee Grassy Lake Heather Brae Islay Innisfail	0.11 0.03 0.06		28 28 28	0.01 0.03 0.00	3 16	W5	1	· · · · · · · · · · · · · · · · · · ·	13				
Josephsourg Jumping Pound Kimball Lacombe Leavings Macleod	0.30	3	27 28	0.50	6	3 ()	3 1 1 2	1.5	$\frac{19}{24}$				
Magrath. Mayton. Morinville. Okotoks Ponoka. Sion.	0.05 R 0.04 0.08	1 0 1 3	28 27 28 27	0.05 R 0.04 0.05	12 6 16 2	0.5	1 1 3 1	0.2	10 29 - 2	Aurora 10, 26, 29, 30.			
Stirling Saddle Lake Vermilion Wabamun Saskatchewan—	0.18	3	16 27	0.14	6		1						
Arcola Elm How Hanley Insinger.			23	· · · · · · · · · · · · · · · · · · ·	····	4.5	6	2.0	26-29	Zero on 11th.			
Last Mountain Regina	0.02	1	22	6:62	26	1.0	6	0.5	20				
Manitoba –									}				
Beaver Cartwright Gretna Norquay Rapid City Rosebank.	0:01 R	0 0 1 0	26 27 25 22	0.01 R	- 1 - 7 - 6	3°5 4°5 4°0 3°2	3 3 4 7	2:0 2:5 2:0 2:0 2:0	26 29 27 26	Aurora , 9th. Fog 0th.			
Ontario-													
Aurora. Arden Croyden Deer Park Dutton Emsdale Ennisuore Goderich Georgetown Huntsville Lansdowne. MacCue Midland. Montague. Orangeville Princeton. Sydenham Strathroy Watford Westport Wooler. Westminster. Wiarton	1 53 2 58 2 10 4 27 3 21 2 64 2 62 4 60 3 16 3 75 2 50	68 3 8 4 10 4 6 13 5 3 4 8 3 7 7 7 3 6	20 21 15 22 19	1 49 1 86 1 80 1 91 1 35 0 95 1 30 0 50 1 11 0 95 2 10 1 82 1 78 2 41 1 60 1 34 0 93 1 32 2 95 1 102 0 64	3 3 3 3 2 1 2 2 2 2 2 2 1 1 1 3 1 3 3 4 2 2 2 3 3 3 2 1 2 0	2.6 3.0 0.2 0.5 10.8 6.0 9.0 2.3 8.5 1.0 2.0 11.5 1.0 2.0 2.0 3.3 6.0 5.2	1222255266105-25512212	1'8 2'0 0'25 3'0 4'0 3'0 6'6 3'5 1'0 2'0 4'0 1'0 2'1 1'0 2'0 2'1 1'0 2'5 3'5 1'0 2'5 3'5 1'0 2'5 3'5 1'0 2'5 3'5 1'0 2'5 3'5 3'5 3'5 3'5 3'5 3'5 3'5 3'5 3'5 3	978 8 8 9 9 8 4 1 1 1 1 3 9 8 4 1 1 1 1 3 9 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Aurora 3rd.			
New Brunswick— Point Escuminae	2 57	5	24	1:29	7	0.1	1	0:1	28	Fog 26th.			

PROPORTION OF BRIGHT SUNSHINE REGISTERED IN EACH HOUR OF THE DAY DURING WHICH THE SUN WAS ABOVE THE HORIZON IN THE MONTH OF NOVEMBER, 196.

								114	111105	Endis	ira						
STATIONS.	111	or produced by the produced by		. B. El.	8 a. III.	9 a. m.	М и. ш.	П з. ш.	Noon.	ii -	- p. m.	3 р. ш.	1 p. m.	1	6 p. m.	7 1. 11.	s p. m.
Victoria				0.01	0-05	0.55	0:31	0.51	0:30	0.31	0.38	0.33	6-30	0 (%			
Nanaimo				0.741	01.2	0 13	0/21	0.28	0.58	0.31	0132	0.27	0.15	0.02			
Agussiz				8 00	0.00	0.02	0.12	0.17	0122	0.51	0.24	0.18	0.15	f) (30)			
Kamloops				11 141	() (#)	0.21	0.28	0.35	0134	0.41	0.49	0.32	0.12	(1 (x)			
Savonas.																	
Calgary .					.,												
Edmonton			1	0.00	0.04	0.55	0.43	0:52	0.51	0:46	0144	0.52	0.53	Т			
Medicine Hat				():11()	1) 20	0.52	0.65	0.61	0161	0.00	0.60	0.46	0.11	12 (#)			
Battleford																	
Indian Head				0.00	0,00	0.08	0135	0.52	0147	0:47	0.48	0137	0.06	0.00			
Brandon				0.00	0.00	0:17	0:31	0.10	4/250	0.15	0.64	0.48	0.25	Т			
Winnipeg.				0.00	0.05	0.55	0:36	0.43	0.40	0139	0.34	IF38	0.38	0-10			
Woodstock .				0.00	0.00	0.18	0125	0.51	0/21	0:30	0.52	0.51	0.18	():(x)			
Toronto				0.00	0.04	0.30	0.36	0:41	0.41	0:36	0126	0.55	0.20	0.05			
Lindsay.				0.00	0.08	0.15	0.16	0.21	0.23	0.58	0.28	0.51	0.17	0.08			
Barrie.				0.00	0.03	0.53	(1126	0.58	0.33	0132	0.56	0.26	0.15	0:00			
Gravenhurst	-1			0.00	0.10	0.18	0.21	0.51	0.53	0.53	0.53	0.11	Т	0:00			
Haileybury				0.00	0.03	0.10	0.11	0.18	0.51	0.58	0.58	0.52	0.54	():(H)			
Kingston				0.00	0.03	0.15	0.55	0.36	0:36	0.58	0.58	0.52	0.12	0.03			
Ottawa	. 1			0.00	T	0.14	0.52	0.58	0126	0.31	0.37	0.31	0.10	0:01			
Montreal				0.00	0.00	0.06	0.53	1):33	0.35	0128	0.50	0.551	0.07	0.00			
Sherbrooke				0.00	0164	0.12	0 18	():20	1):30	0.33	0 32	0.58	0.11	0.03			
Quebec				0.00	0.145	0.14	0.56	0129	0:33	0.52	0.58	0 21	0:14	0.04			
Fredericton				0.00	0.03	0.53	0:35	0.42	0.48	0°46	0.43	0139	0:41	0.13			
Charlottetown				0.01	0.10	0.522	0.38	0.35	0.11	0.47	0.21	0.45	0:34	0144			

					=			=.									,		-			-		-	=
_	Victoria.	Nanaimo.	Agnesiz	Kamloops.	Savonas.	Calgary	Edmonton.	Medicine Hat	Buttleford.	Indian Head.	Brandon.	Winnipeg.	Woodstock.	Toronto.	Lindsay.	Barrie.	Gravenhurst	Hailey bury.	Kingston.	Ottawa.	Montreal.	Sherbrooke,	Quebec.	Fredericton	Charlottetwo
Mean propor- tion for mouth Constant sun- shine being 1	0.52	0 23	0 15	0.27			0:40	01456		0:31	0136	0:33	0.18	0.52	0:19		0-17	n 19	0 23	0.53	0.53	0 21	0.21	):36 (	):37
Difference from average.	0.48		0 01	-			-			÷0:06	+0°63	-0.01	-0:07	-0.01	-0.00		-	-	0:01	- 0.07	0.0		0 (13)	r01	_
Maximum daily amount.	0.80	0.76	0.(%)	0193			0.90	0.87		0:71	(), (8)	0181	0167	0.81	0.50		0.75	0.81	0:91	0.85	0.79	0182	0-91	1192 C	F 95
Date	10	y	9	30	-		27	-11		5	7	24	115	16:	1 23		23	24	23	23-21	254	24	17		2-16
No.ofdays.com- pletely clouded		15	17	13	-		5	5		5	6	14	12	11	14		14	12	13	12	13	11	13	10	'n

#### Aurora recorded:

Where the class of aurora is noted by the observer, it is given, (I) being the brightest, (IV) the feeblest in brilliancy.

- I. Waitefield, IV.
- 2. Waitefield, IV; Meota, 111.
- 3. Cartwright, Georgetown, Waitefield, 1; Threehills Creek, IV; Red Willow, Pakan, III; Hillsdown, IV; Gray Hill, IV; Grenfell, II; Meota, II; Hillview, I; St. Albans, II; Bruce Mines, III; Minuedosa, I; Parry Sound, I.
  - 4. Sutton West, Swift Current.
  - 5. Waitefield, IV; Kenora, IV; Regina, IV.
  - 6. Minnedost, L.
  - 7. Waitefield, IV; Pakan, III; Gray Hill, IV.
  - 8. Waitefield IV: Red Willow, Minnedosa, III.
- 9. Cartwright, Waitefield, I: Threehills Creek, IV; Red Willow, Pakan, III; Hillsdown, III; Gray Hill, III; St. Albans, I; Birnam, II; Madoe, IV.
  - 10. Sion, Waitefield, IV; Pakan, III; Meota, IV; Birnam, IV; Swift Current.
  - 11. Waitefield, III; Threehills Creek, III; St. Albans, II; Prince Albert, I.
  - 12. Meota, IV; Regina, IV.
  - 16. Yarmonth, IV.
  - 22. Regina, III.
  - 23. Meota, 1V.
  - 26. Sion, Minnedosa, IV.
  - 29. Sion, Hillsdown, IV.
  - 30. Sion, Hillsdown, IV; Minnedosa, IV.

Thunder recorded on:

- 2. Gray Hill.
- 18. Winter Harbour.

#### FORECASTS FOR NOVEMBER, 1907.

The forecasts issued by this office at 11 p.m. each night, are posted up at every telegraph station in Canada, and are for the 24 hours beginning at 8 a.m. the following day.

The number of predictions issued during the month was 1299. These were divided as follows:-

			VERI	FIED.	
District.	No. Issued.	No. Fully	No. Partly	No. Not	Per- centage,
Alberta	79	54	17	,	7911
Saskatchewan	51	55	18	7	8910
Manitoba	79	63	12	1	8713
Lake Superior	106	76	25	ā	83.5
Lower Lake Region	126	45	33	11	78.2
Georgian Bay.	1:26	83	30	13	7718
Ottawa Valley,	120	×r;	20	5	81.7
Upper St. Lawrence	. 119	89	26	4	85.7
Lower St. Lawrence	116	82	(>)	12	2012
Gulf	116	78	25	13	78.0
Maritime Provinces, West	116	82	25	ā	8115
Maritime Provinces, East.	116	77	30	9	7913
Total	1260	947	202	100	81:1

In order to obtain the percentage of verification of the productions, the number partly verified is divided by two and added to the number fully verified, and the result divided by the total number issued.

In ascertaining to what extent the predictions have been verified, the reports from the agents at all observing stations, as well as the telegraphic reports, are used.

R. F. STUPART,

Director

Meteorological Office, Toronto, 31st December, 1907.

#### DEPARTMENT OF MARINE AND FISHERIES, CANADA.

METEOROLOGICAL SERVICE.

# Monthly Teleathen

VOL. XXXI.

DECEMBER, 1907.

# RUNIUM RARD

#### INTRODUCTION.

In compiling the present Review the principal data made use of are the telegraphic reports of observations received at this office for the purpose of weather forecasting, and reports by mail from voluntary observers and storm signal agents. For the material used in tracing the paths of areas of high and low pressure in the United States, we are indebted to the Chief of the Weather Bureau, Washington, D.C.

#### REMARKS UPON THE WEATHER.

The weather in British Columbia was comparatively mild in most districts, but at Alberni and Rivers Inlet it was slightly colder than usual. Over the lower mainland there was much dull weather and rain was of frequent occurrence during the first, second and fourth weeks. High winds were also frequent in this portion of the province. On the upper mainland the chief wet periods were from the 4th to 10th, 15th, 16th, and 21st to 28th, much of the precipitation being snow. Throughout the month there was much dull weather over the upper mainland.

In the Western Provinces the weather was unusually mild and was more especially so during the first week when temperatures exceeding 50° were quite frequent in Alberta. After the 7th lower temperatures prevailed and from the 16th to 20th and 23rd to 31st temperatures below zero were recorded on many days. Somewhat dull weather was reported on or about the 8th and 13th to 19th when light falls of snow occurred; but with these exceptions the weather was exceedingly fine and the total precipitation was quite light. At the end of the month the ground was bare in Alberta, whilst in Saskatchewan it was covered with snow to a depth of one to six inches.

The weather in Manitoba was quite mild from the 2nd to 7th. 11th to 15th and 19th to 23rd, and the mean temperature for the month was considerably above the average. The intervening periods and the last week of the month were comparatively cold, temperatures below zero being occasionally recorded. Although the sky was overcast more frequently than usual, the precipitation, which occurred chiefly on or about the 2nd, 4th, 9th, 15th to 18th, 24th and 28th was generally quite light. The depth of snow on the ground on the last day of the month was from one to six inches.

In Ontario the weather, though cool on the 3rd, 4th, 5th and 13th at many places, was comparatively mild throughout the greater portion of the month, and the mean temperature was above the average. In most localities the weather was fair during the first week also from the 16th to 21st. Clouded skies with frequent falls of rain or snow were general about the 7th to 15th and 22nd to 31st; and at some places there was also precipitation on the 1st. Many of the falls recorded were snow, but much of it melted and on the 31st the ground was covered to a depth of one inch in southwestern districts and fifteen inches in northern and north-western districts.

In the Province of Quebec the weather was characterised by high mean temperature, quite mild conditions being general during the second week, also from the 23rd to 29th, and moderately cold weather at most places on all other dates. In most districts clouded skies were exceedingly frequent, and in the eastern portion of the Province precipitation which was chiefly snow was recorded on most days between the 1st and 4th, 8th and 16th, 24th and 31st. At western stations the falls were much less frequent, the chief dates being 10th, 11th, 16th, 17th, 18th, 28th and 31st. The depth of snow on the 31st varied between five and eleven inches.

In New Brunswick the weather was mostly fine from the 3rd to 9th, 14th to 22nd and 25th to 28th. Precipitation occurred in most localities on or about the 2nd. 11th, 16th, 24th and 30th, the falls, which included much snow, being scomparatively heavy. Somewhat low temperatures were recorded during the first week, also about the 16th, 20th, 23rd and 27th, but with these exceptions

the weather was quite mild and the mean temperature was considerably above the average. The covering of snow on the ground on the 31st was at most places quite light and in some districts the ground was bare.

The weather in Nova Scotia was quite mild throughout the greater portion of the month, temperatures exceeding 40° occurring occasionally and 50° being also exceeded at some places on or about the 11th, 1 th, 25th, 29th and 31st. The precipitation which was heavy at most stations was recorded on or about the 2nd, 3rd, 5th, 12th, 16th, 17th, 24th, 27th, 29th and 31st, it being mostly rain. Clouded skies prevailed and high winds were frequent. During a southerly gale on the 23rd thunder and lightning was recorded at some places. Sleighing was possible during the first week, but soon after the 7th, the ground was bare and continued so to the end of the month.

In Prince Edward Island the weather was mostly cloudy and exceedingly mild there being little cold weather, excepting about the 3rd to 6th, although the night temperatures were occasionally low. The precipitation which was recorded chiefly on or about the 2nd, 12th, 15th, 16th, 24th, 26th, 29th and 31st, was heavy in the aggregate and included a large proportion of snow. On the 15th and for some days later there was good sleighing, but by the 23rd the ground was practically bare.—F. F. PAYNE.

#### BAROMETRIC PRESSURE.

The mean atmospheric pressure for December was below the normal throughout Canada. The average departure was -0.10 of an inch and the extreme -0.25 of an inch at Kamloops, B.C. The Western Provinces and British Columbia showed the greatest divergence from average.

#### HIGH AREAS.

Eight areas of high pressure were traced during the month, four first appearing in the West Pacific States, two in Northern Alberta, and two from the neighbourhood of the Yukon Territory. The areas were almost without exception unusually feeble and accompanied by very little cold weather, in striking contrast to the conditions which prevailed in December of the previous year, when a succession of exceptionally important high areas swept across the continent from the Yukon Territory, attended by extreme cold.

#### LOW AREAS.

Thirteen areas of low pressure were traced during the month. Eight first moved into Canada from the Pacific Ocean, far to the northward, five into the Pacific States far to the southward, and one Atlantic Ocean area passed a little to the southward of Nova Scotia. The pronounced northerly course of so many of the areas was very marked, and conformed to the conditions which have been in existence for several months. Four of the areas which travelled over the Yukon Territory afterwards passed very far to the northward over the continent, apparently crossing Hudson's Bay. The majority of the areas were of much importance being usually attended in their eastward advance over the Dominion by heavy precipitation, chiefly as rain, and also by frequent strong winds and gales.

#### WINDS.

In British Columbia, on Vancouver Island and over the mainland the direction was largely variable, favouring somewhat the easterly. There were six days with strong and ten with fresh breezes, and five gales.

In Alberta the south and west directions predominated, with five days with strong and ten with fresh breezes, and two gales.

In Saskatchewan the south and west directions were the most prevalent, with four days with strong and ten with fresh breezes, and six gales.

In Manitoba the direction was more or less variable, favouring slightly the south and west, with nine days with strong and eight with fresh breezes, and one gale.

In the Lake Region the south and west directions were paramount, with nine days with strong and nine with fresh breezes, and eight gales.

In the Ottawa and Upper St. Lawrence Valleys the westerly direction was much in evidence, with twelve days with strong and seven with fresh breezes, and four gales.

In the Lower St. Lawrence Valley and the Gulf the westerly direction usually prevailed, with nine days with strong and eight with fresh breezes, and six gales.

In the Maritime Provinces the north and west directions were the most general, with six days with strong and nine with fresh breezes and seven gales, the latter occurring on the 2nd, between the 5th and 6th, between the 10th and 11th, on the 15th, between the 23rd and 24th, the 27th, and between the 30th and 3fst.

The display of storm signals was discontinued to the Lake Region after the 10th. Navigation by that time was also pretty well closed in the Lower St. Lawrence Valley and the Gulf, only remaining pen at ports in the Maritime Provinces. The gales of the month were all warned, except the moderate storm of the 27th.

#### TEMPERATURE.

In British Columbia, over the northwestern and northern portion of the Province, the temperature was average or slightly below, elsewhere throughout the Dominion it was above the average and nearly everywhere to a marked extent. In the Western Provinces the positive departure ranged from 5 to 9 degrees; in Ontario from 2 to 7 degrees; in Quebec from 5 to 8 degrees, and in the Maritime Provinces from 3 to 8 degrees.

The Highest and Lowest temperatures in each Province during December, 1907, were:

British Columbia,	64° at River Inlet on 2nd,	- 23° at Chileotin on 17th and on 31st at Golden.
Alberta,	66° at Lethbridge on 5th,	— 27° at Eckville on 31st.
Saskatchewan,	55° at Gatesgarth on 4th,	— 29° at Meota on 27th.
Manitoba,	46° at Morden on 5th,	— 31° at Dauphin on 27th.
Ontario,	58° at Stony Creek on 8th,	— 20° at Judge on 26th.
Quebec,	55° at Cape Chatte on 10th,	— 16° at Chicoutimi on 29th.
New Brunswick,	58° at Chatham on 11th,	— 6° at Sussex on 4th.
Nova Scotia,	58° at Sydney & Truro on 11th,	— 6° at Truro on 22nd,
P. E. Island,	54° at Charlottetown on 11th,	- 9° at Summerside on 21st.

#### PRECIPITATION.

In British Columbia, Cariboo reported an excess of precipitation equivalent to nearly 90 per cent, but elsewhere in the Province there was a general deficiency amounting at Victoria to 52 per cent. In the Western Provinces, in the southern portion of Saskatchewan, there was a positive departure of 200 per cent at Regina and 79 per cent at Swift Current, elsewhere the negative departure was very well marked; Winnipeg and Medicine Hat recorded deficiencies of 98 and 63 per cent respectively. In Ontario the distribution of precipitation was every variable, some localities experiencing much less than the average. The most noticeable extremes were positive departures of 98 per cent at Toronto and 46 per cent at Ottawa, and negative departures of 49 per cent at White River and 94 per cent at Port Arthur. In Quebec the average amount was exceeded in all localities, more so in the western than in the eastern portion; Montreal recorded 60 per cent above the usual quantity. In the Maritime Provinces, in the region of the Bay of Fundy and very locally, elsewhere, the precipitation was less than the average, but over the large remaining portions of the Provinces the average was exceeded. The noticeable departures were a deficiency of 39 per cent at St. John and 79 per cent at Chatham, and an excess of 25 per cent at Halifax and Charlottetown.

#### DEPTH OF SNOW ON GROUND.

At the close of the year there was a remarkable absence in the Dominion of any pronounced depth of snow on the ground, and in many localities there was none. Considering the Provinces separately, the conditions were:—British Columbia, none on the low lands and apparently little on the mountains; Alberta none; Saskatchewan and Manitoba 1 to 6 inches; Ontario from a trace to 15 inches; Ottawa recorded the 15 inches, whereas White River, north of Lake Superior gave only 4 inches; Quebec from 5 to 11 inches; the Maritime Provinces 1 to 3 inches in northern and none in southern localities.

#### BRIGHT SUNSHINE.

All parts of Canada had less sunshine than the average, the largest deficiencies occurring in Ontario and Manitoba. The largest aggregate records were obtained at Winnipeg, Lacombe, Alta., and Medicine Hat, being respectively 78, 82 and 85 hours. The smallest records were in British Columbia where Victoria, Nanaimo and Agassiz recorded respectively 27, 33 and 31 hours of sunshine.

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, DECEMBER, 1907.

a Baromoter not reduced to Sea Level. Stations not furnished with Registering Thermometers.

-		- No. of fours.	25 212 5 2020 - 20 22222222 224000001FM65***	2 0
1	1.001	saround) of a		= = =
1		Senting of	*	- 名 55_
	17010	Day with clor	98 124 - 2458 - 42 2287538227 9282 2728 5758	
	4	Heavier fall	######################################	0 10
	IPITATION	overnge.	영화 취 명 명 명 명 명 명 명 명 명 명 명 명 명 명 명 명 명 명	
ı	-	шот) оэнэгэЛИЦ		
	Piezi	Amount.	28	0 18
1				-
-	L	thou from:		
-	Y 03F	-parth ban end		
1	RIOCITY WIND.	Highest day's		
-	RIX	ber hour.		:::
-1	-	Menn miles		
1		POOLINET TAKED TO	전쟁 전쟁 전 전 전 1 [18]	
		Total number	245 E 25 C E 2 C E	
,	7			
	FRON	X'11.'	HM - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	*
	WIND	11.1		: : :
		3.77.8	20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	J.	.8		
22	CN	S.E.		
	ECT			
100	DIRECTION	E'		: : :
		N.E.		
¥		N.		
7		clouded,	::	: : :
	gletely	cloud.		1 . 1
		Mean amount of		- : : :
02		Mean relative		
ODB	10 91	dewpoint.		: : :
130		range.	. 55 mmr 8 35mm 85755 x 5mm x 5mm mmr mg	11.9
<i>'</i> -		Meno dally	22	8:8
		Date.		: :
0.4.0	<u></u>	J89W0.I	· 38 3 8552 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2 2
1	KRATURE		00 0 01 010001000	E =
200	EVI	.ejs(I	₩ 02	:1
2 2		Jashyll	15	330
3	TEMP	Wears observin		- m
2	1	from hvernge.	.	1 1
a larometer not reduced		- synonofii(f	I has been to be been easing an elementaried the submission in	13.6
1010		Mean.	वस वित्र म प्रवित्र तितित्व ४४४४४४४४४ वित्रेष्ट्रेतिवस्त्रितिके	13
<u> </u>		Range.	■ 10億 至 2 5 5 5 11 11 1 1 1 1 1 1 1 1 1 1 1 1 1	1111
1501	1.5		and good find you have a find	:::
d	UK	Lowest		
	PRESSURE	Highest	1	
	121		1	
		blean reduced.	- 第二日	2171
	894	Elevation above	85 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	125 125 125 125 125 125 125 125 125 125
			· · · · · · · · · · · · · · · · · · ·	11.134 11.139 20 133 20 133 20
ı		"Webuitgood	· 554855556666666666666666666666666666666	522
ı		111 0000110000	本日記書の日本書台日日記まで日本語書中書の報告日日日記書名と製「書も <b>製ん製品書程を</b> としませ <mark>に対</mark>	==2
		Latitude N.	<b>○○○</b>	828
		81 ATION.	BRITISH COLUMBAA  Albarui (Beaver Creek Agassiz Altin Altin Altin Altin Bullion (Quesnelle Forks) Bunifol Chilorin (By Creek) Chilorin (By Creek) Bunifol Chilorin (By Creek) Chilorin (Chilorin (By Creek) Chilorin (Chilorin (By Creek) Chilorin (Chilorin (By Creek) Chilorin (Chilorin (Ch	UKON:- Caretosa. Pawson White Horse.
		44	RITISH CO Alberni (the Alberni (the Alberni (the Alberni (the alberni	YUKON:- Careros Dawson White
			また。 スペイス表表を見らららららのははまれるアメングのようには、 では、イベイスを表現のこうらうにははまれるというというには、これでは、 では、イベイスを表現を見らうこうには、 では、イベイスを表現を表現のできるとは、 では、イベイスを表現を表現のできるとは、 では、イベイスを表現を表現のできるとは、 では、イベイスを表現を表現のできるとは、 では、イベイスを表現を表現のできるとは、 では、イベイスを表現を表現のできるとは、 では、イベイスを表現を表現のできるとは、 では、イベイスを表現を表現のできるとは、 では、イベイスを表現を表現のできるとは、 では、イベイスを表現を表現のできるとは、 では、イベイスを表現を表現を表現を表現を表現を表現を表現を表現を表現を表現を表現を表現を表現を	2 222

on hote - 4 o ho equational magnet has a magnet on o hotel	
00000 00000 00000000000000000000000000	-5 55-A
ספר אם בספר אם אם אם בספר אם	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
්තයක්වන කට කට කට සම	818 & 1818 or n n n n
· 유통적인통 (용당 - 영당 : 영당 - 영당 - 영당 - 영당 - 영당 - 영당 - 영	19 A 1
	8 8 8 7
	10 . 100
	* : : : : : : : :
	<u> </u>
	<u> </u>
: : : : : : : : : : : : : : : : : : :	[왕 ] 기를 돌려
12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ाक । । । । । । । । । । । । । । । । । । ।
.T : 22 :17 : 77 : : : : : : : : : : : : : : :	12, 2, 1, 1, 1, 1, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,
	×
1 18 1 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	E 2
	10
	C : : : : : : : : : : : : : : : : : : :
	. 지 : : : : : : : : : : : : : : : : : :
: (\$ : (\$ : 5 : 7 : 7 : 7 : 1 : 1 : 1 : 1 : 1 : 1 : 1	15 : : : : : : : : : : : : : : : : : : :
	# : : : : : : : : : : : : : : : : : : :
######################################	12. 12. 13. 14. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15
ेहें तलहेंदी । है	88 : 55555
	2000 C C C C C C C C C C C C C C C C C C
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
10   10   10   10   10   10   10   10	5.0 2.2 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5
.   + · + ·   + · + ·   + · + ·   + · + ·	+::::+++
12	25 : : : : : : : : : : : : : : : : : : :
81. 11. 12. 12. 12. 12. 12. 12. 12. 12. 1	117.6 12.8 12.8 12.8 18.6 19.9 19.9 19.9 19.9 19.9 19.9 19.9 19
1450  1450	5
	- '' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
00 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	=======================================
### 18 18 18 18 18 18 18 18 18 18 18 18 18	882888888888 86-86-85
######################################	12332855
<u> </u>	5555555555
in	
그는 그를 하지 않는 것이 되었다. 그는 그는 그는 그는 그는 그는 그는 그를 하는 것이 없는 것이 없는 것이 없는 것이 없는 것이다.	ne k
as La  sa La  sa La  li  li  li  li  li  li  li  li  li  l	1 mg : : : : : : : : : : : : : : : : : :
rra—  Exa—  Exa—  Exa—  Exa Lanc  Ex	nsippi ndon nch eerry nen osbor iew
Alberta— Athabasea Landing. Alix Blackfalds Bon Aceard Calgary Cardston Glashury Cardston Glashury Glay Hill Gleichen High River Lacombe Cardstin Weichell Peace River Crossing Pokisko Peace River Crossing Pokisko Peace River Cachen Weitseld Red Wilnw Shaftelod Cachen Weitseld Hubber Weitseld Hore Moosonin	MANTYORA Almasippi Bradon Britlo Carberty Carmen Carmen Cypress River Dauphin Hillylew Minnedosa

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, DECEMBER, 1907.

	1	1 0.07	==		=		====	5000				55855500
	PHILL	40 07 10 07 14 ' 0/		U 915-	-	5-905	01-5	1990	~====		222222	2222222
		1 41 1 1 1.01	84	新 有品 非 三日	10 20	위치보리 아무요로	01 2 7 1 ±			SEE244		72125535 7725555
	9100	taolidowechi.	18	2 28	Ξ	1015A	78-2			28,293	282285	255333
	VIII	IInlan rasil	====	5 55	12		22	251	5 85	magaga magaga		#85 288 288 284
	HE	mort sence from	1=	= ==	=	2.00	75		= ==	=======================================	-010000	120 -25
	Present	Junomi	152	8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	=	= 0 0 0 0 0	おおまま	225		880EF4		######################################
							-	-		z		
	O.F.	Date and direc-						Ξ		É		
	MD.	relocity.					Ξ	>				
	VELOCITY WIND.	per hour.										
	-	Mean miles						=				
		Total number served to thours.	50	=======================================	잗	222	2 2	78 1		EBMBES	28 8	22E
	_	C.	=	-	20	<u> </u>	35 =	70.0			0- 0	325
el.	FROM	11.11.	200	1-	-	21-2	<u> </u>	\$ 21 E		20 m m m m m m m m m m m m m m m m m m m	=2 =	
rnet	IND	th:	21	KG	=	쥬드전	- 1-	1		2-2020	21 c	53학
Thermometers	>	:77.8	2	-	475	1-1-5	2 2	25 4	- 5	<u> </u>	2 2 2	
r Th	N OF	.s	2	51	ñ		= 1-	=== -		ama-aa	25 E	27771
ring	:110	:1.8	-	æ	, T4	0.0%	51 -	-33 -		- 5 5.1-01		
with Registering	DIRECTION	E'	=	_	=	2-9	55 1-	20 V		indian dina		C. C. C.
h Re	_	Z,E,	24			-35	. 22 21	3:m -			=	20-
		X	70 -		7	~ ~==	m -	-5 3	a	##-#WX	== =	
not furnished	pletely	So. of days comp		₩.	-	421-	Ξ	21 2		តិកត		10 kg
urn		Mean amount of eloud.		: 122	To.	45 14	J.	9, 9		. 2.02		teta
not		Mean relative humidity.										
нио	10 91	Mean temperatu										
Stations		Mean daily range.	= = = = = = = = = = = = = = = = = = =	20 a a a a a a a a a a a a a a a a a a a	<u>x</u>	5255E	255	57555			2 = 2 = 2 = 2 = 2 = 2 = 2 = 2 = 2 = 2 =	25 = 8 8 8 2 = = = = = = = = = = = = = = =
•		Date.	25.52	B (888)	21	82881	77.77	TIMES	157 E E	2275727		~ <u>mmmmm</u> =m
Level.		222402	5 H	S 1885	12	5-257	5555					5:4EX8EE
n Le	Temperature	Lower	62	5 431443		5×31-2	55 E 55 E	55221	-라모등물		Z Com a x x	TEEx SErv
to Sea	SHAT	Date.			· %		0000	. ×				
- F	EMI	Highest	王系	h gib	_==_	TELET	STEE	20000	HEZER:	obiotic be	: इंड वंटच	8 881828 8 881828
upa.	=	from average.	8-X	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			100 21   100 21   2100 21	25.5	71 P	RR4555 	20 - 21 21 21 20 - 2 - 2 - 21 21 21 21 21 21	8 88 82 E
not		Difference		=		-++		1 m = 2 m	A. 10- 0			
a Barometer not reduced		Mean.	25 E	5 = 25	Ξ	= <u>EEE=</u> ?1	5555	85555	445EX	វិធីនិធិតិវិទ	Reakie	គស់តិសិតិសិតិ
rom		Range	.ā	7	ž	第 <u>4</u>		5		8 3		<b>22</b>
a Bu	2	Lowest.	Ë	7 S S S S S S S S S S S S S S S S S S S	51	55		2		= = =		52
	PRESSURE.			5. 5.	53 E	하하 경두		- *1		有 表 三 元 表 表 表		88 22
	PRE		= ==	21	17 30 40 40 51 1	22 A A A A A A A A A A A A A A A A A A		200 E		29 94 30 14 29 19 1		88 25 88
		Mean reduced.	Ë.	7,	21	奇奇						ñã.
	658 5	Flevation above	252	20223	13	월독원원	THE S	3 55 E	20 20	\$669 <b>\$</b>	83989	ENERGER
	-	Longitude W.		aramaa.								######################################
	-	Tit obusing I		idenie Exegra	13		innyy9  exing					E85488888
		Z sbutitad					0.2222		2222	======	:122222	1035555
								<del>-</del>				112
				ned					Ξ		;	
		N.	i i	Maria Maria Min				The	Calv	: = =		=
		STATION	Part.	la P.	şi	H : H	Three	Here Is	lon (	MERK MERK	. E =	unics verver hand
		T.S.	ANTORA Con Morden Oukburk, Gukdafe Park,	Portage la Pratrie Person St. Albans (Awen Stony Mountain Person	Whinipeg.	'buper Cliff Judge Kenera Port Arthur White River Mion.	Scattice trace Mines Tinton	Coldwater Cockburn Island Gravenhurst Hantsville, Haftes bary	Antowel and		Hennin Branford Cortain. Challain.	Dandtton, London Part Stanley Port Burwell Pelee Island Paris
			MANITORA Con Morden Oakbank, Oakbank,	Partigo la Pratric Preson Treson 8St. Albans (Awentel) Stony Mounitain Preferre.	Whinipe Oxrann	Copper Cliff Ludge Kornera Port Arthur White filter Alton		SOSSEE	Listowel Lake Talon (Calvin) Medicid	Covern Sound Criffin Parry Sound From Cherk Nonthempton		
,			**	-	_							

	100		
©NOD 000000000000000000000000000000000000	0 .0	-0-0000- 000	00001-0000
0000 0000000000000000000000000000000000			******
0003 0000-0000000000000000000	3 3	NACACCOM THE	
<u> </u>	13 13		តូននាតុគតខានត
<u> </u>	φ · - (20)	iem-Xaude axe	
8528 25524 88 52753288 58	0.68	원론의 토장크롱크형무용.	- 급류종극동병유인당
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	98 1 18	1 3359 9:	5282224588
6+65 : 6	9 : : 6	11 74871 8 1111	99277777
8228 2528 128 1392888282 129 129 144 144 144 144 144 144 144 144 144 14	13 : : 12	: manasee kab	
minate resistant of the composition of the definition of the composition of the compositi	17 : 150		00 00 mm to the mestical and the company of the com
			* * * * * * * * * * * * * * * * * * *
		5	
	5 1 1 1		
			FI 1
is it is it is it is a second of the second	jung : : : : : : : : : : : : : : : : : : :	i i i i i i i i i i i i i i i i i i i	: : : : : : : : : : : : : : : : : : :
	long :		
: : : : : : : : : : : : : : : : : : :	8::::8	: : : : : : : : : : : : : : : : : : :	- 등 등 등 등 등 등
		1	
<u> </u>	= : : : : : : : : : : : : : : : : : : :		E 28 28 2 20 1 10 1
	t- : : :0	::. <u>\$~4-2</u> ;:X5:::.	125 x p 102 to 1
	1::1		
\$ : : : : : : : : : : : : : : : : : : :	9 : : 2	:::27857 :=3	E - 2 - 1 - 2 - 1 - 1
	9 : : =	:: - <del>5</del> 000 m-::::	\$ 0 mm   010   m
· · · · · · · · · · · · · · · · · · ·	S ::01	::: 000 :::::	
	so ; ; ;∞	· : : 0 = 0 = : = : : : : : : : : : : : :	:0x24 :00 :0 ;
	<u> </u>	::::oso+s::==:::::	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
	중 : 1	::::m-em- :He :::::	in a time in the interest of t
	9::::		10 188 1-21
	17		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	<u></u>		<u> </u>
io - o t- x io m - io t- io at x - io o to mm o m o i-	∞ : : ;50	: : ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	- www www.
######################################	= =		יביביבו מצביבי
en transport to the second of	\$ :: "	11:1922年11:00日日の11:10日	· 한타파크라크로드
00000000000000000000000000000000000000			: : : : : : : : : : : : : : : : : : :
大道の対象には、これには、一般の対象をは、	2 2 2		केले ब्रिय विद्या विकास
	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		-======================================
	23	a part and part and part and are and are and	
######################################	9:::9	:	100000000 c
	30 1 37	3555 55855555 G	- 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	12.37	:2 :23222	- 66 66 66 31 A 63 66 A A 6
Haraman lar lan diginardinan laring di na di maraman laring di na di maraman laring di na		6 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1-212	+ : : : : : : : : : : : : : : : : : : :	· · · #2559×+5 × 0-	X 22 50 X X 4410 44 21
676-76997-76996999999999999999999999999	2 : : :31	: +++++ + + xo-	\$556555555 \$566555555
		A Palaca Company of the company	· 25 · = · · ·
	11111		<u> </u>
1 (F : 1 : 1 : 1 = 1 = 1 )		8.8	S 290 1 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	_ :::::	3.3.1.3.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	18. 38. 38. 38. 38. 38. 38. 38. 38. 38. 3
		### ##################################	19 18 18 1 18 1 1 1 1 1 1 1 1 1 1 1 1 1
200 20 10 20 10 20 10 11 10 10 10 10 10 10 10 10 10 10 10		85 01 05 05 05 05 05 05 05 05 05 05 05 05 05	29 - 80 - 90 - 12 - 28 - 81 1 - 61 - 61 - 61 - 61 - 61 - 61 -
		: :::::::::::::::::::::::::::::::::::	20 H H H H H H H H H H H H H H H H H H H
트립로 등록 등록 1 등 1 등 1 등 1 등 1 등 1 등 1 등 1 등 1	31.2	8587888	58832888288
• ### - 252 x 22 22 22 2 2 2 2 2 2 2 2 2 2 2 2	정작정요움	x 22 & c = 8 4 3 11 11 12 2 4 c	학생님은 모양 시 등 시 등 시 등 시 등 시 등 시 등 시 등 시 등 시 등 시
332333333137311333333333333333333333333		444444484848488888	383333333
<u> </u>		888888°84888	864127242588
	<b>**</b> **********************************	rxSarxxoxxaxaxaa	05%64666666
	::		
	: : : : : : : : : : : : : : : : : : :		
	: 1111	Bellevne Falls	
	1,520		CK
addition of the state of the st			m num
d d d d d d d d d d d d d d d d d d d		ocks. City. Varite Vagadialen Hagadialen Point cal Siac  val migam Fi vooke.	de
Stratford Stratford Stratford Modstork Woldstor Woldstor Widland Bloomfold Bloomfold Bloomfold Lakeside Home I'ort Hope I'ort Hop	Abitbi -Anticosh, E. PontAnticosh, W. Pont. Anticosh, W. Pont. Brone, S. W. Pont.	Interfaces  Interface Clarke City Chacke City Cape Wagdiden Cape Magdiden Cape Magdiden Cape Magdiden Cape Magdiden Cape Wagdiden Father Point Nontreal Paspebiae Pereé	VEW BRUNSWICK— Bathurst. (Tathan, Dalhousite, Fredericton, Grand Manan, Worder Lepreaux, Fr. John St. Stophen, St. Stophen, St. Stophen, St. Stophen, St. Woodstock
AB A	Abitibi Antico Antico Prome	Bird L Bird L Chuck Chuck Chuc Chuc Bathe Paspe Porcé Chebr Rober St. Ar Shew	w lath hat he had he ha
E WESTSANGULUNG SARANG S	্ ধর্বক	amphonexand@www.	E ECUFORÎZONS

PRESSURE, TEMPERATURE, WIND AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, DECEMBER, 1907. a Barometer not reduced to Sea Level, \* Stations not furnished with Registering Thermometers.

	40) Jo 10 K	24	u on	== -		-1	=
~HIIOP	margint to a second	- Te	: ::	-= =		0 0 0 0	===
	Full than 1	-	당 문자	E5 5		68281	
	an D. q. w. Crel	= =	- 55	12 0		med a	7.1 5.
	montal at		8 EL	25 S	T TAE	ERRE	æ
2	III) Jestar II	_				=====	 
1 4 1	nverago.		84 6 5 20 1 20	H 6		57 22 27 28	
4 V V V V V V V V V V V V V V V V V V V	Hafference from	=		+ +	7		_ :
-	Amount		9 III	PH 8	9 E915	28AI = 4	17
1							
	tion from.			:		j ,	
0.19	-ootlb ban otall					2.1	
VELOCITY WIND.	relocity.					5	
000 W 13	Highest day's					_	
181	per bour.					Ē	
	Mean miles						
	of observations.	24	E 23	8 8	8 855 855	2772	72
	Total number		= -=	a =	555		[-
	.)						
PICOM	N.W.	=	'S = 22	= ~	i tt-	동무용의	24
	* 11	=======================================	0 × 5	x - 5	9 225	5222	=
WIND	11.	- oc	E 2 E	8 · I	s 550 × -	\$	у.
	://:8						
DHECTION OF	·s	part	- mm	24 : 25	NG	章を中間	7
N.O		71	= -01	20 7	21-21		1
Ē	'SUS	:					
15.5	E.	.73	n mx	21 12	m 710-	T = w T	22
Ē	*FT ' A 7	.00	೦ ೮೫	= 1 ° °	्रं क्रिक् <u>म</u>	21289	m
	N.E.	2	-22 1	6 : =	nn —	1=-1=2	
	N.			-			
	elonded.	5	- 55	(-0 -	2 2::		21
Tetely	No. of day's comp			x.	(+ Z	x · · · · ·	17
1	Mean amount of   cloud.						
1	humidity.						
	dewpoint, or state of the state	=:- '-					:
रेश भर	Jean tomperatu						:
	range.	.10	11 12	25		90 m 91 m	2.01
1	Alean daily	31	2 31		= 335	\$13155.31	
	.eln([	:					
			0 00 E 85		0 000 0 000	33500	=
벌	Jaswo.I		্— ক্রিক -	?	71 2127		55
E	Date.	=	E ==	T 73 T	= ===	m=m=2	Æ
TEMPERATU			: - © - +6 +5	700 0	- ====		wa
=	Highest.		5 158		8 8 8 8	84848	9
H E	Tears observin	- 12		28 ° 3	등 원으로	四羽石积层	2
	from avernge,		12 M31	10 0	n 50		-
	92d9T9Hid	+	+ +++	.+ .	4-	_ ++ ++	1-
1	Ment	24	# H.	3 2 2 2		25 - 25 S	8
	11001/		m mm		22 22 12 1	+n nn	
-	Kange.	3	: E		8 2	11 4	10
1		- =			= -		
PRESSURE	Je9Wo.l	25	- 3		0.38 28.40	25	8
25.4	Highest	- 12	- 55		2 % : .	1 21	2
1,4	450042333				8 8		8
-	Mean reduced.	29: 90 30: 46 98: 98 1: 54	¥ :		29 (6) 20 (3) 28 (4) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	1 1 2	0.18
-			25 25 25 26 26 26 26 26 26 26 26 26 26 26 26 26	5 3 K	12 X		151 39 18 39 10 20 83 0 57
1198	Flevation above a	₹.%	2288	कि। (के की व	12 A	200	32
-	, , , , , , , ,	. 22	=31EEE	EZEZ:	22 -	E+885	Ā.
				8866		55555 55555	39
0	Congitude W.	12 12 2					
_	Podeitude W.	9			282 282	35825	1-
	Latitude N. Longitude W.	- 293	世界明三名	1888		3,68,825 55,555	<u>1-</u>
		- 293	22252 23252	10222:			22
		- 293	22252 23252	10222:	32 252	25222	55
		- 293	22252 23252	10222:	38 888		55
	.X obuited	- 293	22252 23252	10222:	38 888		55
	.X obuited	- EE:	22252 23252	10222:	8 2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		55
	.X obuited	- EE:	22252 23252	nd, M. Station II 57.	8 2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		55
	.X obuited	- EE:	astings 55 22 Tro	nd, M. Station II 57.	8 2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		
		- EE:	astings 55 22 Tro	nd, M. Station II 57.	8 2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		
	.X obuited	OTIA	2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	10222:		25222	

## PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER, &c., DURING DECEMBER, 1907.

		RAI	NFAI	LL		8	8 Z O W	FALL		
STATION.	Amount in inches	No. of Days, '01, or over	No. of Fair Days	Heaviest Fall in Month	Date	Amount in inches		He (viest Fall in Month	Date.	REMARKS-
British Columbia—	in.			in.		in.		in.		
Alberni (Somas River) Beaver Lako	10.72 7:23	19 18	12 13	1.82 1.87	3 12	3·2 1·0	1 2	1.2	28 12-31	
Coquitlam Denman Island Goldstream Lake	10:52 11:42 9:94	11 12 20	23 19 11	1 '97 2 '00 1 '35	20 25 13	2·0 1·5 21·0	1 2 6	1.0 10.0	31 30 28	
Hartley Bay. Hornby Island. Naas Harbour Nanaime Swanson Bay	9°38 5°01 6°92 21°98	23 8 8 19	8 23 23 12	1 · 92 · 1 · 34 1 · 62 2 · 61	13 13 3	7:0 1:0	3	4:0 1:0 x	20 31	
ALBERTA-	21 00	10	12	2 01			1			
Bardo Beaver Hills, W	0.01		21	0.01		3.3	3 6	2:0 3:5	23 23	
Bismark .			l			7:9	5	3.5	26	
Bruederheim Bittern Lake, Coutts	0.02	1	26	0.03	5	10°3 0°5	1	4.2 0.2	23 8	-25°.0 on 31st.
Clover Bar Conjuring Creek Dorenlec						7·5 9·3	5 4	3.0	15 25	
Grassy Lake Heather Brae						1.0 6.8	7	0.5 2.3	8-14 26	-15°.0 on 31st.
Islay										
Innisfail Josephsburg Jumping Pound Kimball	0.31	2	25	0.31	lâ	2.0	-1	2.0	8	
Lacombe						20	1	5.0	19	
Macleod Magrath. Mayton Morinville Okotoks						3.0	5	1.0	15	
Morinville Okotoks						2:0 6:5	1	0.8 2.5 5.0	12 8 27	-10°,0 on 31st.
Ponoka Sion Stirling				1		5.0	5	1.9	26	-13.0 on 31st. Aurora on 6
Saddle Lake Vermilion Wabamun						1.0	1 4 9	4°0 3°0 4°5	8 8 21	
Saskatchewan—										
Arcola						11 0		6.5	21	
Elm How Hanley Insinger.		1				10.0		6:0	26 27	Ice 11 inches thick on 25th
Last Mountain Regina						1.2	1	6:0 6:0	26	
Manitoba—										
Beaver						2.3	4 2	1.0	21 16	
Norquay Rapid City						1.8	3 5	0.8	26 16	-20°,0 on 23rd.
Rosebank										
Ontario-	0:96	3	20	0.47	9	28:3	8	11.3	15	
Arden	9.03	3 6 1	20 25 25 20	0.53	10 27 30	23.0	8 7 3	10.0 12.0	15 11	
Croyden Deer Park Putton	3 19	8 3 3 3 7 2 3	20 20 17	0:97 1:20 0:41	30 29 10	13.3 13.0 27.8	5 8 12	10:0 2:5 6:0	16 10 2	
Emsdale Ennismore	H 111 X5	3	26 21 14	0.30	30 9	15.0	4 8	8·0 2·0	15	
Goderich Georgetown Huntsville	0.80	7 2	20	0°55 0°45	30	31.9	13	7.5 5.5	23 31	
Lansdowne MacCue Midland.	0:65	1	24 26	1:70 0:65	23 27	9°0 19°5 31°3	# # 8	13:0 7:0	11 15 11-29	
Orangeville	0.65	2	25 17	0.98 0.65	23 9	13.5 39.7	13	8.0	15 15	
Sydenham	3.20	3 5 7 4 2 5	24 25 17	1.87 1.50 1.51	30 23	16:0 22:0 27:0	3 9	11.0 12.0 7.0	15 14 10	
Strathroy. Watford Westport	4:43 3:12 0:70	4 2	27 25 23	0.35	23 23 29 9-25 28	18.1	-	7.0	11	
Wooler Westminster Wiarton	1:79 1:62 0:85	5 4 3	23 25 17	0.91 0.99 0.99	28 28 23	24.0 9.0 24.5	5 2 11	3.0 6.0 10.0	15 16 1-18	
New Brunswick—										
Point Escuminac	0.51	4	21	0.09	11	13.2	4	4.2	2	Fog 28th.

PROPORTION OF IGRIGHT SUNSHINE REGISTERED IN EACH HOUR OF THE DAY DURING WHICH THE SUN WAS ABOVE THE HORIZON IN THE MONTH OF DECEMBER, 1907.

												_			
							H	TRS I	ENDIN	G					
STATION	s.	6 a. m.	7 a. m.	8 a. mi.	9 a.m.	10 a. m.	E. H.	Noon,	p. m.	2 p. m.	3 p. m.	1 p. m.	5 p. m.	в р. ш.	- b. m.
									-3						
Victoria					02	(14	10	15	16	17	11	165			
Nanaimo				100	8	12	23	23	- 9	10	15				
Agasolz					:05	13	118	21	23	115	103	101			
Kamloops					.05	15	.51	· · · · · · · · · · · · · · · · · · ·	'31	.31	.05				1
Calgary				0.3	10	1.6	43	47	5	.52	142	(10)			
Fort Vermilion									ar.						
Lacombe					101	28	146	152	53	41	-33	.50			
Medicine Hat						- 1 -									
Edmonton					.10	31	35	:39	45	.39	.28	.01			
Battleford															
Indian Head					'(F)	*10:	27	-38	*40	.43	21	100			
Brandon					(1)	12	0	136	*35	139	10	.57			
Winnipeg					103	130	*40	149	.46	-38	133	.(4)			
Woodstock					10	19	. 23	.31	-27	25	15	111			
Toronto					105	.10	18	-21	26	. 25	.21	.09			
Lindsay					.00	12	21	-19	.51	19	118	12	.(14		
Barrie					.01	106	16	16	-18	15	15	101			
Gravenhur-t					.00	101	. U.,	10	.1.7	12	105	.(40			
Haileybury					.09	16	-27	-27	. 25	. 22	.24	15			
Kingston				s	1/9	19	-22	-23	.25	.36	. 26	.16	101	ļ	
			1		.08	23	.28	33	.28	.50	.13	.05			
Montreal					101	13	. 20	.21	-19	18	13	.02			
					.(8	15	-24	.28	.35	-26	.25	13			
					105	- (	.20	-28	-31	- 26	- 24	.08			
Quebec					-(4)		25	-00	-33	.34	. 25	116			
Fredericton				101	-00		.27	:34	*311	.30	-20	15	. 0:	1, .	
Charlottetown	***			1	1	1	-							1	

																	_							mater 1	
- 1	Victoria.	Namatino.	Agassiz	Kamboops.	Calgary	Fort Vermilion.	facombe.	Medicine Hat.	Edmonton.	Indian Head.	Brandon.	Winnipeg.	Woodstock.	Toronto.	Lindsay.	Burrie.	Gravenhurst.	Haileybury.	Kingston.	Ottawa.	Montread.	Sherbrooke.	Quebec.	Fredericton	Charlottetwn
Mean proportion for month Constant sun-		0.13	0:12	0.47			0.31	0:31	0:30	0.23	0126	0.31	0.18	0.12	0.15	0.10	0.05	0.19	0.19	0.18	0.14	0.50	0° <b>19</b> 0	):21 (	:24
Difference from average.	'05	_	0.03	_			_	_	-	-0.05	0:08	-0.01	-0.03	-0.08	0:06	_0 06	-		0.(6	0.01	0:13		- 4	13	_
Maximum daily amount.	0:78	0.73	0:71	0.65			0.86	0:83	0.88	0165	0 3	0.81	6177	0.77	0.50	0:70	0 51			0:78	0.72	0.85	n 857	92(	91
Date	15						30	10	19	4	18	19	20	3	12	22	6	12	17	21	26	13	21	20	29
No.ofdays com-		22	20	12			6	P	6	13	10	14	15.	15	19	20	26	13	19	17	17	17	16	7.4	15

#### Aurora recorded :-

Where the class of aurora is noted by the observer, it is given, (I) being the brightest, (IV) the feeblest in brilliancy.

- 1. Insinger, III.
- 3. Meota, IV; Insinger, III.
- 4. Waitefield, III; Threehills Creek, III; Red Willow, Pakan, III; Hillsdown; IV; Estevan, Chaplin, IV; Saskatoon, III; Moose Jaw, St. Albans, II; Kenora, IV; Lake Talon, Cape Chatte, III: Sion, Insinger, III; Cartwright, IV.
  - 5. Waitefield, III; Pakan, III; Hillsdown, IV; Alameda, II; Waseca, Sion.
  - 6. Waitefield, IV; Threehills Creek, IV; Pakan, III; Waseca, Insinger, IV.
  - 7. Waseca, Treherne, Oakbank, Cape Magdalene, Cape Chatte, II.
  - S. Waseca, Insinger, IV.
  - 9. Waseca, Hillsview, IV.
  - 10. Waitefield, IV; Chaplain, IV; St. Albans, IV.: Sion, Insinger, III.
  - 11. Insinger, II; Cartwright, IV.
  - 12. Waitefield, III; Pakan, II; Bruce Mines, IV.; Shawinigan Falls.
  - 22. Waitefield, IV.
  - 26. Meota, I.
  - 27. Waitefield, II; Insinger, IV.
  - 30. Threehills Creek, Eckville, Meota, IV.
  - 31. Waitefield, IV; Chaplin, IV.

Thunder recorded on:

- 22. Brome.
- 23. Alameda.
- 24. Alameda, Percé.
- 25. Alameda.

#### FORECASTS FOR DECEMBER, 1907.

The forecasts issued by this office at 11 p.m. each night, are posted up at every telegraph station in Canada, and are for the 24 hours beginning at 8 a.m. the following day.

The number of predictions issued during the month was 1249. These were divided as follows:-

		No.		VERI	FIED.	
	District,	Issued.	No. Fully	No. Partly	No. Not	Per- centage.
Alberta		76	(1 <sup></sup> <sub>1</sub>	7	2	92:7
Saskatchewan		76	65	9	1.j. 00	91.1
Manitoba		79	72	6	1	9119
Lake Superior		101	72	21	8	81 7
Lower Lake Region		119	99	18	2	97.8
Georgian Bay		119	106	8	5	92:4
Ottawa Valley.	· · · · · · · · · · · · · · · · · · ·	110	93	15	2	91.4
Upper St. Lawrence		110	97	12	1	93 6
Lower St. Lawrence		113	87	17	9	84.2
Gulf		115	91	16	8	861
Maritime Provinces, West		115	81	29	8	81.7
Maritime Provinces, East.		116	89	9-2	5	8612
Total.		1219	1019	177	53	88.7

In order to obtain the percentage of verification of the predictions, the number partly verified is divided by two and added to the number fully verified, and the result divided by the total number issued.

In ascertaining to what extent the predictions have been verified, the reports from the agents at all observing stations, as well as the telegraphic reports, are used.

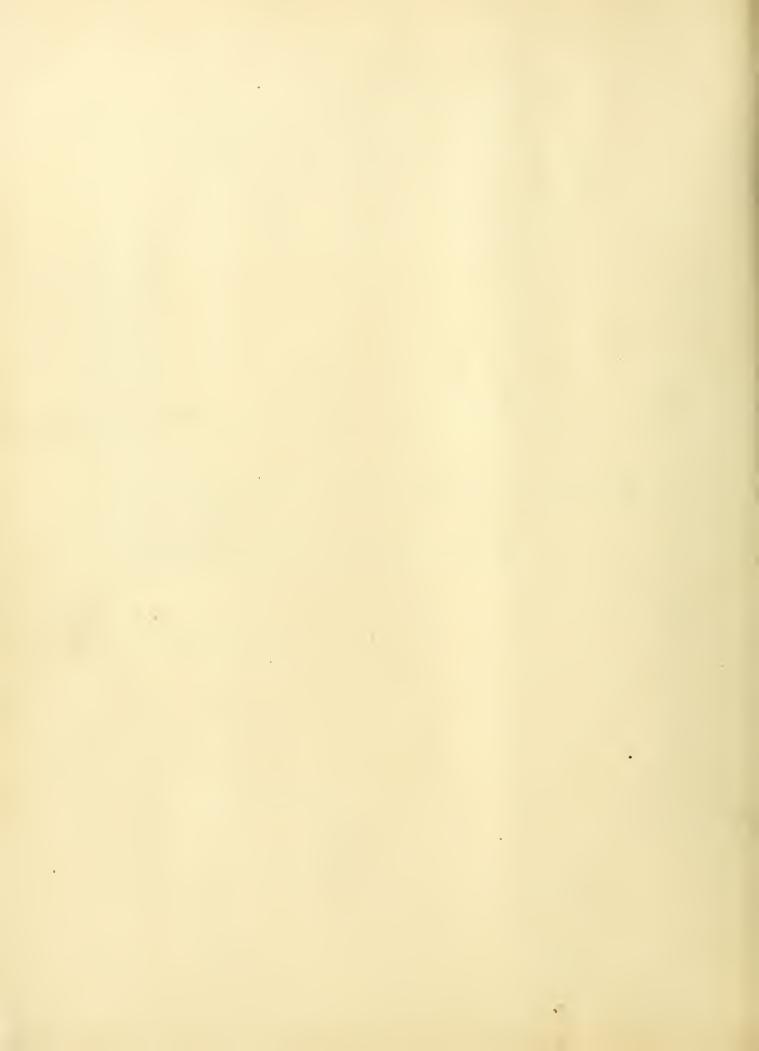
R. F. STUPART,

Director

Meteorological Office, Toronto, 31st January, 1908.

1





University of Toronto
Library Astron. Canada. Meteorological Service DO NOT REMOVE Monthly weather review THE CARD FROM THIS POCKET DATE. Author Title Acme Library Card Pocket

